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WING-TAGGED TRUMPETER SWAN IN NORTHEAST TENNESSEE

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On 1 January 2003 I discovered an adult Trumpeter Swan (*Cygnus buccinator*) on a small pond at Whitetop Creek Park in Bristol, Sullivan County, Tennessee. On each wing the swan had a yellow tag with the black numerals 612 (Fig. 1), indicating that the bird likely originated from a reintroduction program. The swan was observed feeding on submerged vegetation in the pond and emergent vegetation in a nearby drainage ditch. It remained at this site through 12 January,

Figure 1. Trumpeter Swan at Whitetop Creek Park, Bristol, Tennessee in early January 2003; the numbered wing-tag is clearly visible (photo by Kevin Hamed).

after which the pond became completely frozen over. During its stay there, at least seventy birders viewed the swan. This swan, confirmed by its tag number, was relocated on 25 January on a privately owned pond near Blountville, six miles (10 km) west of the former location (W. Coffey, pers. comm.). It lingered there for four days, departing on the 28th. This stream-fed pond was one of few in the area that remained open during late January. On 22 February I learned from a non-birding acquaintance that the same swan had spent most of the previous three weeks at a spring-fed farm pond near Gray, in Washington County, about 18 miles (30 km) southwest of the Bristol site. It was last seen in the region on the latter date.

Kevin Hamed, of Steele Creek Park Nature Center in Bristol, first learned the provenance of this tagged bird through a contact found on the website of the Trumpeter Swan Society http://www.taiga.net/swans/index.html. Swan #612 had been tagged on 10 October 2001 as a wild-hatched juvenile female at Wye Marsh, near Midland, Ontario, Canada, by Harry Lumsden. This location is at the southeastern corner of Georgian Bay on Lake Huron and is about 580 miles (930 km) north of Bristol, Tennessee. Swan #612 was seen regularly at Wye Marsh and vicinity from the time of tagging through 6 December 2002. There were no known sightings after this until it was found at Bristol.

In recent years Trumpeter Swan reintroduction programs have been operated in several states and provinces in the upper Mid-West and Great Lakes region, including Ontario. However, these programs have not been without considerable controversy (Shea 2002, Whan and Rising 2002). The main points of contention revolve around the true historic distribution of the species in the East and Southeast, as well as the impact that the species will have on current wetland bird populations. Proponents refer to the program as a reintroduction of an extirpated species, whereas opponents consider it an introduction of an invasive non-native (as a breeder in the East) and fear that these swans will out-compete native breeding waterbirds for the limited resources available.

The parents of #612 are a male that was released at Wye Marsh in 1992 when one year old and a female wild-hatched there in 1993 (H. Lumsden, pers. comm.). These two have been the most productive pair of Trumpeters breeding at Wye Marsh (A. Mathes, pers. comm.). Currently, the Ontario population of 400+ swans (as of September 2002) contains third and fourth generations that hatched in the wild (H. Lumsden, pers. comm.). Trumpeter Swans typically are a migratory species, and migration likely will be essential for the northern population to survive because they need open shallow water in which to forage during the winter. During many winters they may be unable to find sufficient open water and food in northern locations. Currently, most Ontario swans winter there and about a quarter of the population is subsidized with grain feeding in winter. Historically swans learned to migrate by following their parents, but the captive-bred birds used in releases seem to have lost the migration knowledge to teach their offspring. Thus, the progeny of released swans must learn where to migrate largely for themselves. So far, this has been slow to develop. Since the mid 1990s, eleven swans from the

Ontario population have migrated (or dispersed) to New York, six each to Pennsylvania and Ohio, three to West Virginia, two to Maryland, and one each to Virginia, New Jersey and Connecticut (H. Lumsden, pers. comm.). Thus, Bristol appears to be the farthest south that one of the swans from the Ontario project has migrated. Trumpeters from other sources have been encountered further south. Swan #612 was reported back at Wye Marsh, Ontario on 24 May 2003 (H. Lumsden, pers. comm.), with no reports of its whereabouts during the three months since it left Tennessee in late February. With this successful round-trip journey, perhaps a new migration route can become established.

The only known historic sightings of Trumpeter Swans recorded in Tennessee were by John James Audubon on 26 and 30 November 1820 along the Mississippi River (Robinson 1990). The bird at Bristol represents the third modern record in the state, with all occurring in the last three years and all originating from various reintroduction programs. Additionally, the Bristol sighting is the first state record away from the Mississippi River area. On 6 January 2001 a neck-banded swan from Iowa was found dead in Shelby County (Ferguson 2000). On 1 January 2002 a group of three Trumpeters, consisting of two neck-banded adults from Wisconsin and an unmarked immature, were found in Lauderdale County (Peeples 2002). Unfortunately, the immature was killed and one adult was injured when shot about two weeks later. The wounded adult apparently recovered and departed with the other after 21 January. Based on these recent sightings and the continued growth of the reintroduced flocks, Tennessee birders should remain alert for future occurrences and the possible establishment of a regular wintering population in the state. However, birders should brush up on identification criteria to distinguish Trumpeters from Tundra Swans (*C. columbianus*), since the distinction of these two species presents one of the most underrated identification problems in North America.

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I appreciate the contributions of Kevin Hamed, Wallace Coffey and, in particular, Harry Lumsden of the Trumpeter Swan Society and April Mathes of the Wye Marsh Wildlife Centre. The manuscript benefited from comments by the editor, an anonymous reviewer, and Harry Lumsden.

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The Migrant 74 (4): 100-103, 2003

MINUTES OF THE SPRING 2003 TOS BOARD OF DIRECTORS MEETING

The Spring meeting of the Tennessee Ornithological Society was held on 2-4 May 2003 at the Episcopal School of Knoxville, hosted by the Knoxville chapter. Field trips were offered to the following locations: Sharp's Ridge, Cove Lake State Park, Cross Mountain near Caryville, TN, the Great Smoky Mountains National Park, Kingston Steam Plant, Gallaher Bridge Swamp, and Rankin Bottoms Wildlife Management Area. The meeting of the TOS Board of Directors was called to order by President Chuck Nicholson. Donna Ward, who substituted for Secretary Knox Martin, reported a quorum present.

REPORT OF OFFICERS: No reports.

DIRECTORS AT LARGE: No reports.

SECRETARY'S REPORT: No report.

TREASURER'S REPORT: Treasurer Chris Sloan stated that he will defer the 2002 treasurer's report until the fall meeting, and that his long-term goal is to make the office of the treasurer more electronically efficient. Chris suggested that the TOS elect a membership chairman, and he presented a general overview of the duties of the chairman.

The chairman will be responsible for maintaining the organization's membership database, which includes collecting annual rosters and interim member's address changes from chapter treasurers. The chairman will be responsible for generating mailing labels for *The Migrant* and *The Tennessee Warbler*, maintaining a list of current members, and forwarding checks to the treasurer.

Chris stated that the cost of maintaining a post office box for the TOS treasury is approximately $70.00 for a twelve-month period. The box would be forwarded to the current membership chairman. Troy Ettel, state ornithologist, said the membership chairman position should be considered one of the most important offices in the TOS.

Wallace Coffey made the motion that the directors authorize the treasurer to select a membership chair or assistant. The motion was seconded by Virginia Reynolds, and the vote of the directors was unanimous to adopt this resolution. Chuck Nicholson advised that Chris draft a statement about the membership chairman position for *The Tennessee Warbler* and present a formal action this fall.

Chris recommended that the TOS fiscal year be the same as the regular calendar year, January to December, specifying that dues be payable by 1 January.

CURATOR: Ron Hoff stated that he has not had any requests for back issues of *The Migrant*.

***MIGRANT* EDITOR:** Chris Welsh reported that the June 2002 issue of *The Migrant* is at the printers. He hopes to see an increase in the number of articles submitted for publication.

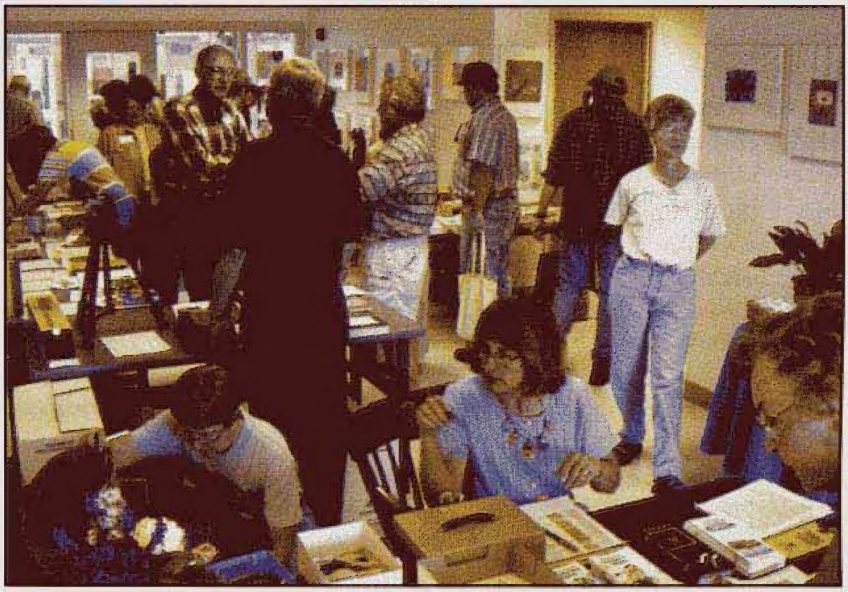
***THE WARBLER*:** Virginia Reynolds noted that 30 June is the deadline to send information to Theresa Graham, editor of *The Tennessee Warbler*.

NOMINATION COMMITTEE: Jan Shaw presented the following list of officers for 2003-2005:

President – Virginia Reynolds
Treasurer – Chris Sloan
Secretary – Donna Ward
Curator – Chuck Nicholson

Left to right: Holly Overton, Nancy Tanner, and Wallace Coffey enjoy the festivities at the annual banquet.

A fine assemblage of ornithologists at the head table included host Knoxville TOS President David Trently (second from left), upcoming TOS President Virginia Reynolds (center), keynote speaker Dr. Chandler Robbins (second from right), and TOS President Chuck Nicholson (far right).



Meeting registration went smoothly thanks to the efforts of Laurie Mooney (front left) and Marie Oakes (seated). The silent auction to benefit the J.B. Owen Memorial Fund provided ample opportunity for birders from across the state to chat.

Vice-Presidents: West Tennessee – Dick Preston, Middle Tennessee – Melinda Welton, East Tennessee – Allan Trently

Directors-at-Large: West Tennessee – Louise Ward, Middle Tennessee – Stephen Routledge, East Tennessee – Dee Eiklor

Carolyn Bullock made the motion that these officers be elected by acclamation. The slate of officers will be presented to the membership at the annual meeting.

BIRD RECORDS COMMITTEE: No report.

CONSERVATION AND RESEARCH FUNDING COMMITTEE: Troy Ettel made the motion that we utilize the money approved for the Cerulean Warbler Research Project in middle Tennessee and divert it for the Cumberland Forest and Royal Blue Projects. The amount involved is $2000. The model will be taken from data that is already in place. Dev Joslin seconded the motion. The vote of the directors was unanimous to adopt this resolution. President Nicholson stated that the current members of the Conservation and Research Funding Committee are David Pitts, Dev Joslin, Joel Keebler, and Troy Ettel. President Nicholson said if anyone is interested in serving on this committee, please let him or Virginia Reynolds know.

CONSERVATION POLICY COMMITTEE: Melinda Welton noted the importance of obtaining a full environmental impact statement, getting the conservation policy on the website, and encouraging activities such as letter writing. Chris Sloan suggested Melinda develop a letter writing campaign in the western region of Tennessee. President Nicholson stated that members of the Conservation Policy Committee include David Vogt, Bob Hatcher, Melinda Welton, and Dick Preston. He said he is trying to find another member from West Tennessee to serve on the committee.

COLLATERAL MATERIALS: Carolyn Bullock reported patches and decals were still available for sale. A total of $44.50 was made on sales since last meeting. Patches are $2.50 and decals are $3.00.

TOS WEBSITE: President Nicholson noted the TOS website is averaging 170 visitors a day with an increase of 25 percent. Chris Sloan has observed that six or seven memberships have been sent to the website.

In order to place 72 volumes of *The Migrant* on the website, the cost would be roughly $12,000. Wallace Coffey made the motion that the directors authorize President Nicholson to proceed as quickly as possible to obtain both a scheduled time frame and a price quote for placing *The Migrant* on the website. Chris Sloan requested an amendment to the motion that the directors provide for the motion to be brought before the executive committee for approval with information necessary to be presented at the fall meeting. He will also present a financial analysis to the executive committee at that time. President Nicholson stated the directors have given preliminary approval to this project. The vote of the directors was unanimous to adopt this resolution.

NEW BUSINESS: President Nicholson announced the proposed amendment printed in the April 2003 issue of *The Tennessee Warbler*. The amendment was cor-

rected to add an amount of $2,000 rather than $1,000. The amendment reads as follows:

"PROPOSED AMENDMENT TO ARTICLE VII OF THE CONSTITUTION, to add the following: Sec. 6 Proposals to expend Society funds in amounts exceeding $2000 for projects beyond the normal reoccurring expenses of the Society shall be submitted for publication in the Society's newsletter prior to the meeting it will be proposed, or by written notice to the Directors thirty days before a meeting of the Board of Directors. The Secretary of the society shall furnish names and addresses of these parties upon request. Proposals that do not follow the notification procedure may be presented at any meeting of the Board of Directors, but shall not be acted upon at that meeting."

President Nicholson presented the amendment with the changes in the amount as requested by Joanne Routledge. After discussion, a vote was taken, and the proposed amendment failed.

There is no location as yet for the fall meeting, although there is a possibility that it may be in Chattanooga. There are also no plans as yet for a foray or summer birding weekend.

Chris Sloan made the motion that the Board arrange for the Curator and the Records Committee to work on placing all TOS historical information in one central location, with a proposal before the fall meeting. The motion was seconded by Chris Welsh. The vote of the directors was unanimous to adopt this resolution. Virgina Reynolds made a motion to adjourn. The motion to adjourn was approved.

President Nicholson presided at the general membership meeting of the TOS. He listed the following officers approved by the Board of Directors:

President – Virginia Reynolds
Treasurer – Chris Sloan
Secretary – Donna Ward
Curator – Chuck Nicholson

Vice-Presidents: West Tennessee – Dick Preston, Middle Tennessee – Melinda Welton, East Tennessee – Allan Trently

Directors-at-Large: West Tennessee – Louise Ward, Middle Tennessee – Stephen Routledge, East Tennessee – Dee Eiklor

President Nicholson listed the following motions that were unanimously approved by the Board of Directors: the directors authorized Treasurer Chris Sloan to select a membership chair or assistant, the officers were elected by acclamation, the money approved for the Cerulean Warbler Research Project was diverted for the Cumberland Forest and Royal Blue Projects, and the directors gave preliminary approval to placing *The Migrant* on the TOS website and placing all TOS historical information in one central location.

President Nicholson was proud to announce at the meeting that TOS Secretary and Memphis TOS Chapter member Knox Martin will be awarded the National Conservation Medal by the River City Chapter of the Daughters of the American Revolution in a luncheon ceremony on 10 May in Millington, TN.

Donna Ward, Recording Secretary

The Migrant 74 (4): 104-108, 2003

WINTER RECORDS OF YELLOW-BREASTED CHAT IN TENNESSEE

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While participating in the DeKalb County, Tennessee, Christmas Bird Count (CBC), Michael J. Hawkins observed a Yellow-breasted Chat (*Icteria virens*) along the Buffalo Valley Nature Trail below Center Hill Dam 30 December 2003 at approximately 0720 CST. The chat was viewed at close range (~5 m) for approximately one min. After emerging from a brush pile near the edge of a small creek in response to Hawkins' spishing, it perched in a privet (*Ligustrum* sp.) bush and was observed eating a privet berry. It scolded with several "check" notes as it hopped from branch to branch. The distinctive white spectacles, black lores and bill, bright canary yellow breast, olive back, white belly, and dark legs were observed from several angles through Nikon 8X binoculars. At one point the chat cocked its long tail in typical fashion. After discovering the observer's ruse, the bird made a hasty, straight-line retreat up the creek, flying low to the ground and disappearing into brush. Several observers collectively made about half a dozen or more visits to this site in early to mid-January 2004 without observing the chat. Stephen J. Stedman and Winston A. Walden also visited this site 24 January 2004 without observing the chat; at that time Walden pointed out that no berries remained on the privet bushes in the vicinity of the chat sighting.

Hawkins' sighting represented the twelfth winter record and third CBC record of Yellow-breasted Chat in Tennessee (Table 1). The thirteenth winter record was established 23-24 January 2004 when a chat was observed in Putnam County by Stedman about 40 km east of Center Hill Dam in Walnut Park, Cookeville. When first observed about 0900 CST 23 January 2004, the chat was perched in a berry-laden bittersweet (*Celastrus scandens*) vine entangling the trunk of a mature black walnut (*Juglans nigra*). Stedman viewed the chat with 10X Zeiss binoculars for approximately 30 sec from a distance of 12-15 m. The chat's yellow breast was its most obvious field mark, but its white spectacles, solid olive-green crown, back, and wings, as well as its white belly, were all noted at the time of this initial sighting. The chat also uttered several harsh scold notes resembling some elements of its song. The chat was relocated at the same site approximately 0750 CST 24 January 2004 by Stedman and Walden. The former observer obtained photographs, which indicate that the chat probably belonged to the eastern subspecies (*I. v.*

Table 1. Winter Records of Yellow-breasted Chat in Tennessee.

Date	Location	Observer(s)	Sources/Comments
22 February 1953	Hyde's Ferry Rd., **Davidson** County	Katherine A. Goodpasture Jenny Riggs	Goodpasture 1953; Parmer 1985; Robinson 1990
3-4 December 1953	672 N. Belvedere Memphis, **Shelby** County	Ben B. Coffey, Lula C. Coffey	Coffey 1954; in residential yard; chat trapped and presumably banded
19-26 January 1966	672 N. Belvedere Memphis, **Shelby** County	Ben B. Coffey, Lula C. Coffey *fide* Rob Peeples	In residential yard; chat banded 19 January 1966
12 December 1968 -5 January 1969	Downtown Memphis **Shelby** County	Victor Julia, Lula C. Coffey	Patterson 1969; chat found in holly hedge next to a bank
4 December 1971	Hampton, **Carter** County	Lee R. Herndon, Gary O. Wallace	Rowell 1972
12 December 1971	Clinton, **Anderson** County	Walter P. Nickell	Williams 1972; Robinson 1990
28 December 1974	Sherwood Ct., **Davidson** County	Lucy Finch, William Finch	Williams 1975; Parmer 1985; Nashville CBC
25 November -6 December 1975	Covington, **Tipton** County	Alice Smith	Waldron 1976
15-29 December 1983	672 N. Belvedere Memphis, **Shelby** County	Ben B. Coffey, Lula C. Coffey	Waldron 1984; in residential yard; chat presumably banded
14 December 1991 -8 January 1992	Amnicola Marsh **Hamilton** County	Kenneth H. Dubke, David F. Vogt, William G. Haley	McWhirter 1992; Knight 1992; Haley 1997; Chattanooga CBC; chat inhabited a privet thicket; ate privet and honeysuckle berries
21 December 1994	**Maury** County	Allyn Lay, William Jernigan	Witt 1995
30 December 2003	Below Center Hill Dam **DeKalb** County	Michael J. Hawkins	DeKalb County CBC; privet plentiful; chat ate privet berry
23-24 January 2004	Walnut Park, Cookeville **Putnam** County	Stephen J. Stedman Winston A. Walden	Photographs; bittersweet plentiful

virens), the more likely of the two North American subspecies to occur during winter in Tennessee.

Although a total of thirteen records of wintering chats has accumulated in Tennessee since the first sighting in 1953 (Table 1), the species has been unreported during winter in Kentucky (Palmer-Ball 2003), and only one winter sighting was on record for Arkansas as of 1986 (James and Neal 1986). However, chats have been noted during winter in Illinois, Indiana, and Ohio on several occasions in each state, and there are single winter records for Iowa, Michigan, and southern Ontario (Eckerle and Thompson 2001). Therefore, the number of winter sightings in Tennessee may be considered unsurprising, especially since the species is even more frequently encountered in winter along the Atlantic coast north to New England than within the interior of eastern North America (Eckerle and Thompson 2001).

The chat is probably not a cold-hardy species and may be poorly adapted to winter conditions in Tennessee. Consequently, one might predict that most winter chat sightings in the state would occur earlier in the season rather than later, and indeed this prediction regarding the temporal distribution of winter chats in Tennessee is fulfilled. Besides one record of a chat that remained from late November into early December, there are seven records of chats occurring in December, two records of chats that lingered from December into early January, two records in late January, and one record in late February. Collectively, these records suggest that most chats attempting to winter in Tennessee do not survive the entire season or perhaps move south before the end of the season.

Average elevation in Tennessee generally increases from west to east. Since average daily winter temperatures are generally inversely correlated with increasing elevation, one might predict there to be more records of wintering chats in the western part of the state than in the east. However, the longitudinal distribution of wintering chats reveals only a slight westward bias, with five records from sightings in west Tennessee (four in Shelby County and one in Tipton County); five records from middle Tennessee (two in Davidson County, and one each in Maury, DeKalb, and Putnam counties); and three records from east Tennessee (Anderson, Carter, and Hamilton counties).

Average daily winter temperatures are also inversely correlated with increasing latitude in Tennessee, leading one to predict that there might be more records of wintering chats in the southern part of the state than in the northern. However, the latitudinal distribution of wintering chats reveals a nearly even split of records from the southern (7) and northern (6) halves of the state. Consequently, we are unable to correlate winter chat records with latitude or longitude in Tennessee.

On the other hand, all records of wintering chats have come from sites below 500 m elevation with the exception of the Carter County sighting (c. 600 m). Although summer records of chats at elevations over 1525 m exist (Stupka 1963), Nicholson (1997) notes an upper elevation limit for nesting chats of approximately 975 m. Winter records of chats in Tennessee are in keeping with the species' general fidelity to low-elevation sites.

Availability of food resources undoubtedly affects numbers of wintering chats. An excellent soft mast crop was present on the Eastern Highland Rim and in the adjacent Central Basin of middle Tennessee during the winter of 2003-2004. This factor was undoubtedly favorable to chats attempting to remain during that season and probably made chat sightings in that area more likely than during winters when the soft mast crop is less plentiful. The authors have not undertaken a review of the condition of soft mast in regions of chat occurrence in previous winters, but such an analysis might yield worthwhile results.

The habitat in which chats have been located during winter in Tennessee has been somewhat varied, including urban residential yards (three sightings in Memphis), urban ornamental hedges (one sighting in Memphis), and thickets or brushy areas with an overstory of deciduous trees (the DeKalb and Putnam County sightings described above, the sighting in Chattanooga, and the sighting in Nashville in 1974). However, the habitat at five of the winter chat locations is not known to the authors, so the range of habitats used by chats detected during winter in Tennessee may be even more varied than listed. It is worth noting that some locations where chats have been recorded during winter in Tennessee have harbored berry-producing plants. For instance, the chat found in downtown Memphis from mid-December 1968 to early January 1969 was located in a holly (*Ilex* sp.) hedge, presumably one with berries. In addition, the chat located in Amnicola Marsh, Chattanooga, from mid-December 1991 to early January 1992 inhabited a thicket dominated by privet (D. F. Vogt, pers. com.) and was observed eating berries of that shrub as well as of Japanese honeysuckle (*Lonicera japonica*) (Haley 1997). As noted above, the chat found in DeKalb County during December 2003 perched in and ate a berry from a privet bush, and there were many other privet bushes at the site where it was found. Finally, as also noted above, the chat in Putnam County during January 2004 was located in a thicket with berry-covered bittersweet vines.

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Thanks are due to D. F. Vogt for information about the habitat at the Hamilton County chat site, to L. Finch and J. C. Finch for information about the habitat of the 1974 Nashville chat site, to R. L. Knight for information about the Carter County chat site, and to R. Peeples for information about West Tennessee chat sightings. Additionally, D. Hume provided assistance with botanical nomenclature, and D. L. Combs identified several plants at the Putnam County chat site. W. K. Roy, M. L. Bierly, R. Peeples, M. Roedel, and C. Welsh offered helpful comments that considerably improved the clarity and content of this note.

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2003 TENNESSEE NORTH AMERICAN MIGRATION COUNT

May 10, 2003

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282 Hackworth Ln.
Clinton, TN 37716

This was the seventh consecutive year for the spring North American Migration Count. This year 168 observers found just over 46,000 individuals of 203 species (Table 1). The number of individuals and number of species was a bit lower than the six year average for this count. This was at least partially due to 25 fewer observers this year (compared to 2002) and strong winds on several of the counts, which made finding and hearing birds very difficult. No data were received this year from Bledsoe, Jefferson, Knox, and Roane Counties. Tricolored Heron and Black-bellied Whistling-Duck were new species for this count, bringing the all time total species for the count to 254. Anhinga, Ruffed Grouse, Baird's Sandpiper, and Bell's Vireo were recorded for only the second time in seven years. Species recorded in record high numbers for this count were Canada Goose, Mallard, Sharp-shinned Hawk, Wild Turkey, Virginia Rail, Western Sandpiper, White-rumped Sandpiper, Caspian Tern, Barn Owl, Eastern Screech Owl, Willow Flycatcher, Purple Martin, Bewick's Wren, Golden-crowned Kinglet, Warbling Vireo, Yellow-throated Warbler, Summer Tanager, and Lark Sparrow. Species recorded in record low numbers were Northern Bobwhite, American Coot, Common, Least, and Black Terns, Semipalmated Sandpiper, Common Nighthawk, Veery, Ruby-crowned Kinglet, Golden-winged Warbler, Orange-crowned Warbler, Nashville Warbler, Bay-breasted Warbler, Wilson's Warbler, Lincoln's Sparrow, and Bobolink. Missed for the first time in count history were Northern Shoveler, Pectoral Sandpiper, Olive-sided Flycatcher, Sedge Wren, and Swamp Sparrow.

Anderson County: 0500-2130. Weather: partly cloudy all day with no wind; 65-78° F. Only one party censused the county and a couple of traditional areas were not covered. This resulted in the lowest species total in the seven year history of this count. Species found in record high count numbers were Green Heron, Mourning Dove, Yellow-billed Cuckoo, Whip-poor-will, Pileated Woodpecker, Cedar Waxwing, and Northern Parula. Other notable species found were the state count's only Ruffed Grouse (only the second time for this count), American Coot, Veery, and Savannah Sparrow. Observers: Ron Hoff (compiler - 282 Hackworth Ln., Clinton, TN 37716; <rondolly@esper.com>) and Dollyann Myers.

Blount County: 0430-2000. Weather: partly cloudy – cool in the morning and warm in the afternoon. Some notable species found on the count were Snowy Egret, Hooded Merganser, Western Sandpiper, Horned Lark, Bank Swallow, Common Raven, Gray-cheeked Thrush, Black-throated Blue Warbler, and Canada Warbler. Observers: Jean Alexander (compiler - 3908 Riverview Dr., Maryville, TN 37804; <jjadmj@infionline.net>), Sandy Borden, Fae Burkhart, Richard Davis, Mary

Laura French, Kim and Stephen Henry, Thomas Howe, David Johnson, John Koella, Stuart McNiell, Jr., Rachelle and Wes Seigrist, Bill Smith, and June Welch.

Campbell County: 0600-2130. Weather: partly cloudy and calm early, but winds picking up to 15-20 mph as day went by, hindering count; 60-90° F. The route taken by the compiler was different than previous years, covering some areas not previously censused. Warbler numbers were down. The state's only Ruby-crowned Kinglet was a new species for the count. Notable misses were Great Egret, Black Vulture, Barred Owl, accipiters, and Horned Lark. Thirteen Acadian Flycatchers were a record count high. Eight Grasshopper Sparrows and 7 Baltimore Orioles were also notable. A field trip to Cross Mountain was led by Tony Headrick, with data turned in to Nell Moore. Observers: KTOS field trip, Nell Moore (compiler - P. O. Box 642, Caryville, TN 37714; <jimimoore@juno.com>).

Cheatham County: 0400-1930. Weather: mostly cloudy to partly cloudy and windy; 70-92° F. Notable finds were the state's only Yellow-bellied Sapsucker and 8 Warbling Vireos. Observers: Jerry Drewry and Sabin Thompson. Compiled by Jan Shaw, 5019 Timberhill Dr., Nashville, TN 37211; <JanKShaw@aol.com>.

Davidson County: 0515-1730. Weather: mostly cloudy to partly cloudy and windy; 70-92° F. Notable species found included Cattle Egret, Bald Eagle, American Woodcock, Common Tern, Gray-cheeked Thrush, Philadelphia Vireo, and Connecticut Warbler. Observers: Michael Bierly, Sandy Bivens, Jack Brown, Eileen Cartwright, Gary Casey, Richard Connors, Kinnie Cosner, Troy Ettel, Frank Fekel, Mark Hackney, Susan Hollyday, Robert Lane, Jason and Jon Mann, Sharon Monroe, Elizabeth O'Connor, Connie Parham, Mohan Pattanayek, Sarah Scott, Jan Shaw (compiler - 5019 Timberhill Dr., Nashville, TN 37211; <JanKShaw@aol.com>), Kathy Shaw, Chris and Shannon Sloan, Michael Smith, and Dee Thompson.

Grainger County: 0730-1030 & 1430-1730. Weather: no data given. Notable finds for the count were Bald Eagle, Cooper's Hawk, Wild Turkey, Great Horned Owl, and Grasshopper Sparrow. Observers: Harold Howell (<howell2@bellsouth.net>) and Vivian Shoemaker.

Hamilton County: 0500-1900. Weather: cloudy in the a.m. turning clear in the p.m.; 70-85° F. Notable finds for the count included the NAMC's first ever record for Tricolored Heron , Virginia Rail, Sora, White-rumped Sandpiper, 7 Barn Owls, Fish Crow, Marsh Wren, Gray-cheeked Thrush, Orange-crowned Warbler, Swainson's Warbler, Canada Warbler, and Bobolink. Observers: Nelson Bennett, Harold Birch, Kevin Calhoon (compiler - 934 Craven's Terrace, Lookout Mtn., TN 37409; <KAC@tennis.org>), Carol Fegarido, Anita and Danny Gaddy, Bill Haley, John Henderson, Daniel and Bonnie Johnson, Jonnie Sue Lyons, Michael McMahan, Dr. Robert Myers, Judy Newsome, Tom Patton, David Patterson, David Spicer, David Vogt, Jim Wampler, Jimmy Wilkerson, Dan Williams, and Hayden Wilson.

Lake County: 0600-2000. Weather: partly cloudy and very windy; 74-83° F. Black-bellied Whistling-Duck (new for the state count), Baird's Sandpiper, Laughing Gull, and Bell's Vireo were new species for this count and were 4 of the 10 species found only on this count. Seventeen additional species were noted during count week. Observers: Glen Criswell, Mark Greene (compiler - 194 Mount Orange Rd.,

Trenton, TN 38382; <magreene@usit.net>), Ken Leggett, Nancy Moore, Mike Todd, and Jeff Wilson.

Monroe County: No times given. Weather: foggy then turning clear, with winds of 10-15 mph; 60-87° F. This was only the second clear day after intense rains the week before, which brought serious flooding to many areas. Some notable finds were Great Egret, Bald Eagle, Wilson's Snipe (the only one found in the state), Red-breasted Nuthatch, and Winter Wren. Observers: Tracey Everson and Charlie Muise (compiler -2632 Montvale Rd., Maryville, TN 37803; <cmmbirds@yahoo.com>).

Montgomery County: No times given. Weather: a.m. was mostly cloudy with S winds at 8 mph; sunny the rest of the day with winds increasing to WSW 15-20 mph; 71-86° F. Nine observers this year compared to 25 for last year had an adverse effect on the count, and high water was a distinct challenge. Some of the notable finds included Bald Eagle, American Woodcock, Loggerhead Shrike, Winter Wren, Black-throated Blue Warbler, Swainson's Warbler, and Henslow's Sparrow. Observers: Elaine Foust, James Giocomo, Joe Hall, Debbie and Steve Hamilton, Annie Heilman, Bill and Gloria Milliken (compiler - 861 Vaughn Rd., Clarksville, TN 37043), Joe Schiller, David Snyder, Amy Wallace, and Barbara Wilbur.

Morgan County: 0630-1645. Weather: no data given. Some notable finds were Sharp-shinned Hawk, Cooper's Hawk, and a Greater Yellowlegs. Observer: David Trently (compiler - 1029 Morrow Rd., Knoxville, TN 37923; <dtrently@utk.edu>).

Putnam County: 0355-1940. Weather: a.m. was cloudy with drizzle; p.m. was mostly cloudy; winds were SW at 0-20 mph all day; 69-85° F. This was the 30th Spring Bird Count (SBC) conducted in Putnam County. The years when SBCs were conducted in the county were 1961-1978 and 1992-2003. The species total range for the Putnam Co. SBC since 1992 is 125-137. The range from 1961-1978 was 67-101. Fewer observers took part in the earlier counts, and much of the county was not covered then. The individual total for this year was on the low side compared to recent years. Weather probably accounted for most of this as winds were in the 15-20 mph range most of the day making hearing and seeing birds very difficult. No new species were found on this year's SBC, the first year since 1992 that a new species has not been added to the county total, which remains at 196. Common Loon, Green Heron, Black Vulture, and Tree Swallow all appeared in record high numbers for this SBC. Wild Turkey and Yellow-throated Warbler were seen in highest ever numbers for the SBC *and* highest ever one day numbers for the county. Observers: Kris Bolin, Daniel Combs, D. Ann Davis, Ginger Ensor, Drew Fedak, Janie and Richard Finch, Steven Hayslette, Michael Hawkins, Jane Herrin, Nancy Layzer, Kenneth Morgan, Michael O'Rourke, Thomas Roberts, Richard Simmers, Jr., Barbara and Stephen Stedman (compiler - 2675 Lakeland Dr., Cookeville, TN 38507; <sstedman@tntech.edu>), Winston Walden, and Carole Williams.

Rutherford County: 0400-1930. Weather: partly cloudy and windy; 70-92° F. Species of note included Peregrine Falcon, Bewick's Wren, and Warbling Vireo. Observer: Jay Desgrosellier. Compiler: Jan Shaw - 5019 Timberhill Dr., Nashville, TN 37211; <JanKShaw@aol.com>).

Sevier County: 0745-1800. Weather: partly cloudy; 69-85° F. This is one of the few counts that censuses birds in the higher elevations of the state. The data bear this out as the participants found Black-capped Chickadee, Brown Creeper, Red-breasted Nuthatch, and Golden-crowned Kinglet. A surprise find for the count was a Sora. Observers: Susan Hoyle (compiler - P. O. Box 8421, Knoxville, TN 37996; <hoyle@cs.utk.edu>), and Martha Rudolph.

Shelby County: 0545-1900, 2000-2130. Weather: cloudy in the a.m., turning partly cloudy in the p.m.; wind was S 10-20 mph; 73-86° F. Unusual species included Anhinga, Black Tern, Black-billed Cuckoo, Bank Swallow, American Pipit, Wilson's and Canada Warblers, and Grasshopper Sparrow. High counts included Black-necked Stilts, Acadian Flycatcher, Hooded Warbler and Grasshopper Sparrow. Low counts included Blue Jay, both crows, Carolina Chickadee, and Wood Thrush. Observers: David Blaylock, Carolyn Bullock, Judy Dorsey, Barbara Hardin, Van Harris, Margaret Jefferson, Jack Only, Gerry Papachristou, Rob Peeples (compiler - 8205 Meadow Glen Dr., Germantown, TN 38138; <wpeeples@midsouth.rr.com>), Gaynell Perry, Gina Plass, Dick Preston, Forrest Priddy, Ernest Restivo, Virginia Reynolds, Andy Ryan, James Saxon, Ed Thomas, Barbara Wilson, and Sylvia Wortham.

Stewart County: 0730-1330; 1530-1830. Weather: overcast to partly cloudy; 60-88° F. Notable finds were Bald Eagle, Blue-winged Warbler, and a state high 4 Northern Waterthrushes. Observers: Laura Gee, Karin Grillo, Beth Hansen, John Robinson, Debra Sundberg, Sarah Welker (compiler – Cross Creeks National Wildlife Refuge manager; <sarah_welker@fws.gov>), and Mary Tayloe Woollett.

Sumner County – 1345-1730. Weather: partly sunny and windy; 75° F. Notable finds for such a short time spent counting were Hooded Merganser, American Coot, Bewick's Wren, and Warbling Vireo. Observers: Kinnie Cosner and Chris Sloan. Compiler: Jan Shaw - 5019 Timberhill Dr., Nashville, TN 37211; <JanKShaw@aol.com>).

Williamson County: 0630-1510. Weather: mostly cloudy to partly cloudy and windy; 70-92° F. Notable species included Eurasian Collared-Dove, Willow Flycatcher, Golden-crowned Kinglet, and Baltimore Oriole. Observers: Jean Buchanan, Richard Connors, Bob and Pandy English, Marty and Quick Foy, Betsy Garber, Linda Kelly, Cass Kennedy, Robert Lane, Jon Mann, Joy Mayfield, John Pegg, Sarah Scott, and Jan Shaw (compiler - 5019 Timberhill Dr., Nashville, TN 37211; <JanKShaw@aol.com>).

Wilson County: 0630-2130. Weather: a.m. was partly cloudy with winds at 5-8 mph; p.m. was mostly sunny with winds increasing to 12-15 mph; 72-81° F. Notable species included Cattle Egret, Bewick's Wren, Loggerhead Shrike, and White-crowned Sparrow. Observers: Erline and Vernon Berry, Kay and Ralph Brinkhurst, Frank Crawford; Anna, Ellen, Jeanine, and Mary Lee Gowdy; Alicia and Mary Beth Hovies, Jo Anna Odvar, Melissa Turrentine (compiler – 339 Rippy Ridge Rd., Normandy, TN 37360; <roymel@cafes.net>), Roy Turrentine, Dean Walker, and Jerry Walker.

Table 1. Results of the 2003 North American Migration Count conducted in Tennessee on 10 May 2003.

Species	Anders	Blount	Campb	Chthm	Dvdsn	Graing	Haml	Lake	Monr	Montg	Morg	Putnm	Rutbfd	Sevier	Shelby	Stewrt	Sumnr	Willmsn	Wilson	Totals
Common Loon	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	5
Pied-billed Grebe	-	-	-	-	-	-	4	2	-	-	-	1	-	-	-	-	-	-	-	7
Amer. White Pelican	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-	-	-	20
Dbl-crest Cormorant	-	6	-	1	20	-	34	5	-	1	-	3	-	-	-	-	155	-	-	225
Anhinga	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
American Bittern	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Least Bittern	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	2
Great Blue Heron	10	26	2	5	67	7	45	39	6	22	-	14	8	4	36	12	67	5	15	390
Great Egret	-	-	-	-	5	-	2	29	1	1	-	-	1	-	11	1	6	-	-	57
Snowy Egret	-	1	-	-	-	-	1	18	-	-	-	-	-	-	-	-	-	-	-	20
Little Blue Heron	-	-	-	-	-	-	-	2	-	-	-	-	-	-	5	-	-	-	-	7
Tricolored Heron	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Cattle Egret	-	-	-	-	1	-	2	1	-	-	-	-	-	-	1	-	40	-	1	46
Green Heron	6	11	2	2	11	-	18	4	1	6	1	13	1	1	12	1	-	2	-	92
Blk-cwn Night-Heron	-	3	-	3	2	-	-	1	-	-	-	-	6	-	-	-	101	-	6	122
Ylw-cwn Night-Heron	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Black Vulture	2	2	-	25	32	-	45	3	1	40	3	30	16	-	2	3	1	11	15	231
Turkey Vulture	22	26	9	23	38	7	78	11	12	56	17	71	11	13	5	2	7	25	16	449
Black-bellied Whistling-Duck	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-
Canada Goose	79	92	59	20	95	-	373	-	21	26	-	97	11	8	214	30	85	11	18	1239
Wood Duck	2	10	7	3	2	-	37	8	1	9	-	24	1	11	6	-	-	4	4	129
Mallard	16	26	50	-	54	-	142	27	5	24	3	4	4	9	81	2	115	6	17	585
Blue-winged Teal	-	-	-	-	-	-	-	6	-	-	-	-	-	-	10	-	-	-	-	16
Lesser Scaup	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	2
Hooded Merganser	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	3

Species	Anders	Blount	Campb	Chthm	Dvdsn	Graing	Haml	Lake	Monr	Montg	Morg	Putnm	Ruthfd	Sevier	Shelby	Stewrt	Sumnr	Willmsn	Wilson	Totals
Osprey	-	2	-	1	1	-	2	1	-	-	-	1	1	-	1	1	-	-	2	13
Mississippi Kite	-	-	-	-	-	-	-	2	-	-	-	-	-	-	31	-	-	-	-	33
Bald Eagle	-	-	-	-	1	1	-	2	1	1	-	-	-	-	-	1	-	-	-	7
Sharp-shinned Hawk	-	-	-	-	-	-	3	-	-	2	1	1	-	-	-	-	-	3	-	10
Cooper's Hawk	-	-	-	-	-	1	2	-	-	3	1	2	1	-	2	-	-	1	-	13
Accipiter sp.	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	3
Red-shoulder Hawk	2	1	2	2	2	-	13	2	-	-	2	3	-	-	7	4	-	1	1	42
Broad-winged Hawk	-	-	2	-	3	-	6	-	1	-	3	6	2	2	3	-	-	1	-	29
Red-tailed Hawk	3	6	5	4	9	3	19	7	1	14	-	9	3	-	5	4	-	5	1	98
Buteo sp	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2
American Kestrel	-	-	-	2	4	-	1	2	1	2	1	9	5	-	2	-	-	4	2	35
Peregrine Falcon	-	-	-	-	-	-	2	1	-	-	-	-	1	-	-	-	-	-	-	4
Ruffed Grouse	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Wild Turkey	1	2	1	13	3	9	6	-	1	30	-	10	5	-	4	-	-	9	-	94
Northern Bobwhite	2	7	1	6	11	-	4	13	-	33	-	8	1	1	15	-	-	4	3	109
Virginia Rail	-	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	11
Sora	-	-	-	-	-	-	8	-	-	-	-	-	-	1	-	-	-	-	-	9
American Coot	1	3	1	-	2	-	2	-	-	-	-	-	-	-	-	-	1	-	-	10
Semipalmated Plover	-	11	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	22
Killdeer	8	24	9	5	7	-	34	66	3	50	6	40	12	10	83	1	2	8	17	385
Black-necked Stilt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90	-	-	-	-	90
Greater Yellowlegs	-	-	-	-	-	-	-	3	-	-	1	-	-	-	5	-	-	-	-	9
Lesser Yellowlegs	-	-	-	-	2	-	6	10	-	-	-	-	1	-	18	-	-	-	-	37
Solitary Sandpiper	-	-	1	1	2	-	10	5	2	-	2	2	5	1	5	-	-	-	-	36
Spotted Sandpiper	3	3	5	1	5	-	13	4	2	-	-	9	1	-	9	-	-	-	-	55
Upland Sandpiper	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2
Semipalm. Sandpiper	-	2	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	5
Western Sandpiper	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Least Sandpiper	9	14	-	-	-	-	5	38	-	-	5	-	-	-	228	-	-	-	-	299
Baird's Sandpiper	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1

White-rump Sandpiper	-	-	-	-	-	-	1	26	-	-	-	-	-	-	-	-	-	-	-	27
Dunlin	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Peep sp.	-	-	-	-	-	-	-	-	-	-	-	3	-	-	73	-	-	-	-	78
Wilson's Snipe	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	2
American Woodcock	-	-	-	-	1	-	1	-	-	1	-	2	-	-	-	-	-	-	-	5
Laughing Gull	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Ring-billed Gull	-	-	-	-	16	-	2	6	1	3	-	-	-	-	-	-	-	-	-	28
Caspian Tern	-	-	-	-	5	-	-	2	-	-	-	-	-	-	-	-	2	-	-	9
Common Tern	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Forster's Tern	-	-	-	-	5	-	-	1	-	-	-	-	-	-	-	-	5	-	-	11
Least Tern	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2
Black Tern	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Rock Dove	11	21	12	8	15	-	63	31	-	60	9	23	14	11	127	-	30	8	7	450
Eur. Collared-Dove	-	-	-	-	-	-	3	3	-	-	-	-	-	-	10	-	-	2	-	18
Mourning Dove	100	144	18	16	66	10	225	135	22	175	40	204	65	65	187	3	8	42	102	1627
Black-billed Cuckoo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Yellow-billed Cuckoo	8	11	4	5	30	-	8	40	4	5	1	13	2	-	34	5	-	8	7	185
Barn Owl	-	-	-	-	-	-	7	-	-	-	-	1	-	-	-	-	-	-	-	8
Eastern Screech Owl	-	-	1	1	-	-	4	-	8	-	-	2	3	-	-	-	-	-	-	19
Great Horned Owl	1	1	1	1	-	2	2	-	-	1	-	1	1	-	-	-	-	-	-	11
Barred Owl	3	-	-	2	7	-	1	7	-	6	-	4	1	-	4	-	-	1	1	37
Common Nighthawk	2	4	-	-	-	-	2	-	-	5	-	3	1	-	4	-	-	-	1	22
Chuck-will's-widow	11	-	-	1	-	-	3	-	4	3	-	5	1	-	-	-	-	-	3	31
Whip-poor-will	3	-	-	8	-	-	20	-	7	-	-	3	1	-	-	-	-	-	-	42
Chimney Swift	46	84	74	12	108	-	190	48	23	178	9	108	180	23	66	20	8	15	35	1227
Ruby-th. Hummingbird	3	3	2	2	8	5	11	12	6	14	3	12	2	-	21	4	-	3	3	114
Belted Kingfisher	2	3	1	2	12	-	4	1	2	9	-	5	2	-	2	-	4	7	2	58
Red-head Woodpecker	-	1	-	1	4	-	4	5	-	9	-	4	-	-	7	-	-	-	2	37
Red-bell.Woodpecker	18	17	9	6	32	7	64	13	6	43	3	55	14	5	62	5	-	17	20	396
Yellow-bell.Sapsucker	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

Species	Anders	Blount	Campb	Chthm	Dvdsn	Graing	Haml	Lake	Monr	Montg	Morg	Putnm	Ruthfd	Sevier	Shelby	Stewrt	Sumnr	Willmsn	Wilson	Totals
Downy Woodpecker	4	20	7	4	23	-	35	6	3	16	2	12	6	1	27	2	-	5	5	178
Hairy Woodpecker	1	5	1	2	1	-	8	2	-	6	-	3	-	-	3	-	-	-	1	33
Northern Flicker	4	3	5	1	3	1	15	6	4	18	2	10	2	3	5	3	-	4	4	93
Pileated Woodpecker	11	6	2	3	9	-	18	2	6	8	5	22	1	1	17	-	-	6	3	120
Eastern Wood-Pewee	7	10	7	8	31	-	14	9	2	50	1	48	18	2	73	5	1	8	10	304
Acadian Flycatcher	10	6	13	4	16	-	3	1	6	12	9	47	1	4	110	1	-	1	-	244
Willow Flycatcher	-	4	3	2	-	-	-	1	-	1	3	1	-	-	-	-	-	2	-	17
Empidonax sp.	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2
Eastern Phoebe	10	18	12	3	16	2	15	1	12	22	2	32	6	2	8	-	-	5	15	181
Great Crest. Flycatcher	7	8	9	13	25	-	32	5	-	32	-	41	22	3	45	2	-	12	23	279
Eastern Kingbird	4	16	8	12	32	2	65	26	9	67	3	72	38	2	30	3	7	19	33	448
Loggerhead Shrike	-	-	-	-	-	-	-	6	-	1	-	1	-	-	2	-	-	-	2	12
White-eyed Vireo	10	2	9	6	14	-	28	-	6	48	3	136	4	-	61	4	1	15	1	348
Bell's Vireo	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Yellow-throat Vireo	2	1	13	-	5	-	10	-	2	8	6	24	1	2	17	2	-	1	-	94
Blue-headed Vireo	1	4	1	-	-	-	1	-	15	-	5	7	-	5	1	-	-	-	-	40
Warbling Vireo	-	-	-	8	2	-	-	85	-	12	-	-	1	-	15	3	2	6	1	135
Philadelphia Vireo	-	-	-	-	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	4
Red-eyed Vireo	52	64	43	12	44	-	154	5	51	39	28	370	36	32	52	6	-	6	8	1002
Vireo sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Blue Jay	48	71	12	8	41	15	122	9	16	134	22	82	48	14	34	15	1	25	78	795
American Crow	55	82	15	14	62	8	312	19	33	243	26	135	35	11	35	18	3	20	49	1175
Fish Crow	-	-	-	-	-	-	2	4	-	-	-	-	-	-	8	-	-	-	-	14
Common Raven	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2
Horned Lark	-	2	-	-	-	-	-	165	-	-	-	1	-	-	5	-	-	-	-	173
Purple Martin	14	11	2	24	27	4	183	55	5	54	-	71	16	-	136	10	2	1	46	661
Tree Swallow	13	35	17	1	12	3	18	7	11	-	-	25	-	14	-	-	5	-	-	161
N. Rough-w. Swallow	17	28	3	1	36	-	76	6	8	52	15	67	15	12	57	-	1	5	14	413
Bank Swallow	-	1	-	-	-	-	-	8	-	-	-	1	-	-	30	-	-	-	-	40
Cliff Swallow	68	6	74	200	-	-	147	-	-	165	-	5	-	-	2	25	12	30	30	764

Barn Swallow	46	111	28	12	67	1	202	17	52	218	10	109	36	23	123	18	27	19	35	1154
Black-cap. Chickadee	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2
Carolina Chickadee	25	64	17	12	66	4	113	19	19	79	5	61	35	5	34	6	-	23	22	609
Chickadee sp.	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2
Tufted Titmouse	26	47	13	8	56	8	108	8	14	91	6	92	26	7	98	-	-	27	26	661
Red-breast Nuthatch	-	-	-	-	-	-	-	-	3	-	-	-	-	1	-	-	-	-	-	4
White-breast Nuthatch	3	9	4	6	6	-	9	-	1	16	-	9	-	1	5	1	-	3	7	80
Brown-head Nuthatch	-	-	-	-	-	-	6	-	-	-	-	2	-	-	-	-	-	-	-	8
Brown Creeper	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Carolina Wren	23	60	28	6	85	2	133	21	16	82	8	111	9	15	127	10	-	16	16	768
Bewick's Wren	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	1	5
House Wren	-	3	-	-	1	-	-	-	-	4	-	21	-	-	-	-	-	-	-	29
Winter Wren	-	-	-	-	-	-	-	-	1	1	-	-	-	2	-	-	-	-	-	4
Marsh Wren	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2
Golden-crown Kinglet	-	-	-	-	-	-	3	-	-	-	-	-	-	3	-	-	-	1	-	7
Ruby-crown Kinglet	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Blue-gray Gnatcatcher	29	45	8	18	69	2	93	20	52	42	15	116	45	2	98	6	2	18	12	692
Eastern Bluebird	85	56	17	25	61	4	122	18	50	98	12	189	50	18	28	25	14	47	79	998
Veery	1	1	1	-	3	-	-	1	1	-	-	-	-	-	-	-	-	-	-	8
Gray-cheeked Thrush	-	1	-	-	3	-	1	2	-	1	-	-	-	-	4	-	-	1	-	13
Swainson's Thrush	2	3	-	5	33	-	12	4	-	8	-	5	2	-	53	5	-	6	5	143
Wood Thrush	15	8	18	2	9	-	25	-	-	15	5	56	12	7	23	8	-	1	10	214
American Robin	80	146	31	12	73	10	210	33	12	225	21	229	120	21	97	25	4	17	49	1415
Gray Catbird	6	24	4	-	7	-	2	-	-	3	4	23	2	-	5	4	-	-	-	84
N. Mockingbird	35	70	11	8	57	8	157	7	25	127	6	91	54	8	55	8	11	20	62	820
Brown Thrasher	17	13	3	3	9	1	51	2	4	32	4	64	6	5	15	1	2	9	6	247
European Starling	115	492	52	15	214	4	724	82	65	398	95	571	150	120	392	-	26	58	274	3847
American Pipit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Cedar Waxwing	107	29	4	-	151	-	109	3	37	36	7	136	72	-	238	4	30	-	-	963
Blue-winged Warbler	-	-	-	1	3	-	1	-	2	1	-	18	-	-	-	3	-	2	-	31

Species	Anders	Blount	Campb	Chthm	Dvdsn	Craing	Haml	Lake	Monr	Montg	Morg	Putnm	Ruthfd	Sevier	Shelby	Stewrt	Sumnr	Willmsn	Wilson	Totals
Golden-wing Warbler	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Tennessee Warbler	-	-	-	6	42	-	1	4	-	55	-	5	1	-	31	3	-	2	-	150
Orange-crown Warbler	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Nashville Warbler	-	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	4
Northern Parula	10	5	1	4	11	-	1	5	4	19	1	37	1	1	68	2	-	6	1	177
Yellow Warbler	-	2	2	4	1	-	1	5	-	26	3	23	-	2	3	1	-	2	2	77
Chestnut-side Warbler	3	1	6	-	8	-	2	-	12	2	-	3	2	8	9	1	-	-	1	58
Magnolia Warbler	-	3	-	6	19	-	3	3	-	3	2	4	7	-	16	4	-	-	-	70
Cape May Warbler	-	1	2	1	2	-	6	4	-	1	-	5	-	-	-	-	-	-	-	22
Blk-throat Blue Warbler	-	1	-	-	-	-	2	-	22	2	-	-	-	8	-	-	-	-	-	35
Yellow-rump Warbler	6	3	2	5	1	-	3	-	-	1	-	6	1	-	-	-	-	-	-	28
Blk-throat Grn Warbler	3	7	9	1	6	-	15	1	19	2	13	7	1	8	3	-	-	-	-	95
Blackburnian Warbler	-	2	-	1	2	-	1	-	4	-	-	-	-	-	-	-	-	-	-	10
Yellow-throat Warbler	3	4	13	6	1	-	11	1	3	10	6	33	-	2	4	6	-	4	-	107
Pine Warbler	1	10	1	1	-	-	40	-	4	1	-	15	2	-	3	5	1	-	-	84
Prairie Warbler	12	-	8	4	3	-	29	-	4	26	6	62	24	-	-	4	2	1	1	186
Palm Warbler	-	1	-	-	4	-	6	6	-	2	-	1	-	-	-	-	-	-	-	20
Bay-breasted Warbler	-	-	-	1	4	-	3	1	-	-	-	-	1	-	1	-	-	-	-	11
Blackpoll Warbler	2	4	3	8	49	-	6	12	-	2	-	5	1	-	4	1	-	3	-	100
Cerulean Warbler	1	-	16	1	2	-	-	-	-	6	5	35	-	-	23	3	-	-	-	92
Blk-and-white Warbler	2	4	7	3	8	-	14	-	10	2	8	20	-	-	6	-	-	-	-	84
American Redstart	7	2	15	3	8	-	8	16	-	9	7	38	-	-	61	1	-	1	-	176
Prothonotary Warbler	-	1	1	6	8	-	5	11	-	11	-	1	2	-	24	8	-	1	3	82
Worm-eating Warbler	1	2	4	3	2	-	7	-	4	-	-	9	-	-	1	-	-	-	-	33
Swainson's Warbler	-	-	1	-	-	-	1	-	-	6	-	-	-	-	2	-	-	-	-	10
Ovenbird	15	22	26	-	1	-	13	1	10	4	15	58	-	14	2	-	-	-	-	181
Northern Waterthrush	-	1	-	-	3	-	-	2	-	-	-	1	-	-	-	4	-	-	-	11
Louisiana Waterthrush	2	-	1	3	2	-	2	-	6	4	1	15	-	-	10	2	-	2	-	50
Kentucky Warbler	3	-	8	6	19	-	7	-	1	35	3	78	2	-	38	5	-	3	-	208
Connecticut Warbler	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	3

Common Yellowthroat	11	33	30	12	53	1	42	13	15	55	9	204	12	6	30	5	-	15	2	548
Hooded Warbler	3	6	30	15	12	-	8	-	5	7	9	64	-	4	33	-	-	1	-	197
Wilson's Warbler	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Canada Warbler	-	1	-	-	-	-	3	-	2	-	-	-	-	-	1	-	-	-	-	7
Yellow-breasted Chat	15	20	10	6	26	10	44	1	25	36	7	84	8	4	9	2	1	7	2	317
Warbler sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Summer Tanager	10	1	-	15	29	-	18	6	3	23	-	63	32	-	66	5	-	10	21	302
Scarlet Tanager	19	9	32	4	9	-	31	1	5	3	5	51	1	5	6	-	-	3	1	185
Eastern Towhee	21	25	20	5	37	6	91	-	12	86	4	89	37	6	15	2	-	21	15	492
Chipping Sparrow	14	10	9	8	14	1	74	-	11	34	4	134	6	11	11	7	-	10	11	369
Field Sparrow	17	28	13	7	61	4	46	10	4	92	2	82	34	7	8	-	2	22	6	445
Lark Sparrow	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	3
Savannah Sparrow	1	-		1	2	-	6	2	-	-	-	-	-	-	6	-	-	-	-	18
Grasshopper Sparrow	-	4	8	-	4	1	7	55	-	20	-	6	1	-	6	-	-	10	-	122
Henslow's Sparrow	-	-	-	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	-	23
Song Sparrow	52	46	31	3	4	5	121	3	9	7	28	162	4	30	-	-	1	-	-	506
Lincoln's Sparrow	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
White-throat Sparrow	-	1	1	1	-	-	-	-	-	-	-	2	5	-	3	-	-	-	-	13
White-crown Sparrow	-	-	-	1	1	-	-	6	-	-	-	-	-	-	-	-	-	-	7	15
Dark-eyed Junco	-	-	-	-	-	-	-	-	4	-	-	-	-	12	-	-	-	-	-	16
Northern Cardinal	66	139	20	24	132	14	210	45	41	360	15	281	120	22	133	25	7	47	69	1770
Rose-breast Grosbeak	-	1	7	2	6	-	2	2	4	2	-	3	-	-	-	-	-	1	-	30
Blue Grosbeak	3	4	2	-	12	2	10	4	-	6	5	16	6	-	7	1	2	3	1	84
Indigo Bunting	57	115	59	30	150	25	178	135	104	208	24	490	150	34	282	23	4	58	34	2160
Dickcissel	-	-	-	-	-	-	-	620	-	28	-	-	-	-	76	-	-	-	-	724
Bobolink	-	-	-	-	-	-	3	11	-	6	-	1	-	-	1	-	-	-	-	22
Red-wing Blackbird	69	75	31	60	140	2	332	480	37	350	19	206	200	110	576	5	16	33	58	2799
Eastern Meadowlark	14	41	46	10	38	5	68	101	22	152	22	110	35	22	54	4	5	30	61	840
Common Grackle	35	149	39	20	136	8	219	275	33	291	11	164	250	30	147	40	3	55	165	2070
Brown-head Cowbird	3	151	9	10	83	3	41	50	15	57	4	97	80	10	185	7	9	7	15	836

Species	Anders	Blount	Campb	Chthm	Dvdsn	Graing	Haml	Lake	Monr	Montg	Morg	Putnm	Ruthfd	Sevier	Shelby	Stewrt	Sumnr	Willmsn	Wilson	Totals
Orchard Oriole	3	8	13	4	17	-	11	56	3	21	4	55	15	6	22	4	-	14	7	263
Baltimore Oriole	-	1	7	-	4	-	2	63	-	-	-	3	-	-	40	-	-	1	5	126
House Finch	6	59	2	5	7	1	73	3	3	38	3	67	8	8	16	-	-	4	32	335
American Goldfinch	17	65	21	6	62	-	92	8	20	155	11	89	40	12	45	12	-	35	62	752
House Sparrow	5	98	6	15	20	-	48	10	3	131	11	108	55	15	88	-	-	4	33	650
Total individuals	1703	3329	1221	897	3004	205	6072	3396	1124	5532	684	6761	2344	867	5468	463	268	995	1754	46087
Total species	99	119	103	107	125	42	144	131	94	117	78	126	100	75	130	74	49	92	81	203
Effort data:																				
Observers	2	15	3÷	2	25	2	22	6	2	9	1	17	1	2	18	7	2	16	16	168
Parties	1	11	2	1	6	1	9	3	1	6	1	6	1	1	7	2	1	3	5	68
Party hours	16	55 5	15.5	13.5	35	6	91	24	10	71 5	10.25	68.75	14	9.5	36	9	3.75	13	44.5	546.75
Hours by car	13.5	10.5	7.5	7.5	7.75	1.5	46.5	14	6	46.25	2.5	52.25	12	7.5	17	2	1.25	5.5	-	261
Miles by car	198	318.7	173	143	82	18.9	755	231	98	439.3	60	442	190	125	174	25.5	51	19	97.8	3641.2
Hours by foot	2.5	45	8	6	27.25	4.5	44.5	10	4	25.25	7 75	16.5	2	2	19	7	2.5	7.5	-	241.25
Miles by foot	2	13.75	5	6	17.75	1.8	41	5	5	14.75	5.5	12.5	2	1.5	19	3.5	0.5	4.75	3.3	164.6
Hours owling	1.5	2	1	2	1	-	4.5	-	1.5	-	-	2.75	1.5	-	1.5	-	-	-	-	19.25
Miles owling	20	2.5	-	20	1	-	45	-	20	-	-	48	46	-	28	-	-	-	-	230.5
Feeder observers	-	10	1	-	-	-	-	-	-	3	-	4	-	-	4	-	-	-	9	31
Feeder hours	-	10.75	0.5	-	-	-	-	-	-	4.5	-	5.5	-	-	6	-	-	-	20.25	47.5

Counties: Anders = Anderson, Campb = Campbell, Chthm = Cheatham, Dvdsn = Davidson, Graing = Grainger, Haml = Hamilton, Monr = Monroe, Montg = Montgomery, Morg = Morgan, Putnm = Putnam, Ruthfd = Rutherford, Stewrt = Stewart, Willmsn = Williamson.

The Migrant 74 (4): 121-127, 2003

2003 SPRING FIELD DAYS

RON HOFF, State Compiler
282 Hackworth Lane
Clinton, TN 37716

This report summarizes the traditional Spring Field Days. These counts are typically run on a date different from the North American Migration Count and/or cover an area that includes more than a single county. The North American Migration Count is restricted to individual counties. This year 187 species were found on these 5 counts (Table 1). Thirty-six of these species were found on only one count. The weather was generally mild, but Elizabethton started out fairly chilly and Nashville got into the 90s.

Elizabethton: 26 April 2003; 0430-2030. Weather: partly cloudy to cloudy, with scattered afternoon showers; wind was 5-15 mph in the afternoon only; 42-66° F. The count area covers Carter, Johnson, Sullivan, and Washington counties. This was the 60th consecutive spring count conducted by the Lee & Lois Herndon Chapter. Some of the notable finds included Horned Grebe, Tricolored Heron, Red-breasted Merganser, Sora, Horned Lark, Bank Swallow, Brown Creeper, American Pipit, and Rusty Blackbird. Observers: Fred Alsop, Rob Biller, Wallace Coffey, Rack Cross, Gilbert Derouen, Glen Eller, Bill Grigsby, John Hackett, Don Holt, Reece Jamerson, Barney and Pat Keffer, Rick Knight (compiler – 804 N. Hills Dr., Johnson City, TN 37604; <rknight@preferred.com>), Howard Langridge, Aaron Littel, Larry McDaniel, Tom McNeil, Charles Moore, Brookie and Jean Potter, Bryan Stevens, Allan Trently, and Gary Wallace.

Greeneville: 10 May 2003. Weather: cloudy in a.m. to partly cloudy in the p.m.; wind was NW to 10 mph; 58-82° F. Some of the notable finds included Black-billed Cuckoo, Red-breasted Nuthatch, Winter Wren, Canada Warbler, Swainson's Warbler, Dickcissel, and Purple Finch. Observers: Millie Anderson, Denise Ashworth; Ben, Orland, and Phine Britton, Jeri and Joel Fleisher, King and Margaret Gaut, Barbara and Don Holt, Jim Holt (compiler – 311 Colonial Circle, Greenville, TN 37745; <jimbouh@adelphia.net>), Alice Loftin, Don Miller, Richard and Willie Ruth Nevius, Linda Northrop, and Virginia Williams.

Knoxville: 27 April 2003; 0500-2053. Weather: light fog early then clear, with E winds gusting in the p.m.; 51-74° F. The total species count was considerably below the average of the last 5 years. Warbler species were low, missing Northern Parula, Magnolia, Cape May, and Blackpoll. Big misses other than warblers were American Coot, Bank Swallow, Grasshopper Sparrow, and Bobolink. Notable finds were Wild Turkey, 6 species of shorebirds (mostly at U.T. Plant Sciences Farm), Hermit Thrush, and Northern Waterthrush. Observers: Jean Alexander, Frank Bills, Sharon Bostick, Howard Chitwood, K. Dean Edwards (compiler–1615 Meadow Chase Ln., Knoxville, TN 37931; <kde@angst.engr.utk.edu>), Carole Gobert, Paul Hartigan, Ron Hoff, Susan Hoyle, Jim Human, David Johnson, Kristine Johnson, Tony King, Ed Manous, Dan and Laurie Mooney, Dollyann Myers, Chuck

Table 1. Species observed during five traditional Spring Field Days in 2003.

Species	Columbia 4-25/26-03	Elizabethton 4/26/2003	Greeneville 5/10/2003	Knoxville 4/27/2003	Nashville 5/10/2003
Common Loon	-	10	-	-	-
Pied-billed Grebe	3	-	-	2	-
Horned Grebe	-	1	-	-	-
Double-crested Cormorant	101	19	-	56	176
Great Blue Heron	48	55	7	82	148
Great Egret	-	-	-	-	12
Tricolored Heron	-	1	-	-	-
Cattle Egret	2	-	-	-	41
Green Heron	7	20	6	4	16
Black-crowned Night-Heron	1	5	-	12	112
Yellow-crowned Night-Heron	-	7	-	-	-
Black Vulture	213	15	4	9	85
Turkey Vulture	119	100	50	62	104
Canada Goose	159	174	4	178	222
Wood Duck	13	40	8	14	10
American Black Duck	-	1	-	-	-
Mallard	12	121	14	19	179
Blue-winged Teal	45	2	-	-	-
Lesser Scaup	1	-	-	-	-
Bufflehead	-	22	-	-	-
Hooded Merganser	-	1	-	-	2
Red-breasted Merganser	-	7	-	-	-
Osprey	2	4	-	7	3
Bald Eagle	2	1	-	-	1
Sharp-shinned Hawk	1	1	1	1	3
Cooper's Hawk	3	5	-	1	2
Accipiter sp.	-	-	-	1	-
Red-shouldered Hawk	3	-	-	6	5
Broad-winged Hawk	2	1	-	1	6
Red-tailed Hawk	24	12	9	17	21
American Kestrel	36	18	11	3	15
Peregrine Falcon	-	-	-	-	1
Ruffed Grouse	-	4	-	-	-
Wild Turkey	76	15	10	4	30
Northern Bobwhite	13	2	14	15	22
Sora	2	1	-	-	-
American Coot	4	-	-	-	3
Killdeer	80	39	20	20	34
Greater Yellowlegs	10	5	-	-	-
Lesser Yellowlegs	22	12	-	2	3

Species	Columbia 4-25/26-03	Elizabethton 4/26/2003	Greeneville 5/10/2003	Knoxville 4/27/2003	Nashville 5/10/2003
Solitary Sandpiper	36	17	2	1	8
Spotted Sandpiper	7	6	1	3	7
Semipalmated Sandpiper	2	-	-	-	-
Western Sandpiper	2	-	-	-	-
Least Sandpiper	2	1	-	-	-
Pectoral Sandpiper	3	2	-	22	-
Short-billed Dowitcher	-	1	-	-	-
Wilson's Snipe	6	3	-	4	-
American Woodcock	1	1	-	-	1
Ring-billed Gull	-	19	-	3	16
Herring Gull	-	1	-	-	-
Caspian Tern	-	-	-	-	7
Commom Tern	-	-	-	-	1
Forster's Tern	-	-	-	-	10
Rock Dove	88	90	28	111	75
Eurasian Collared-Dove	-	-	-	-	2
Mourning Dove	268	268	230	182	197
Black-billed Cuckoo	-	-	1	-	-
Yellow-billed Cuckoo	12	-	4	4	45
Barn Owl	1	-	-	-	-
Eastern Screech Owl	3	3	4	3	4
Great Horned Owl	9	8	2	3	2
Barred Owl	13	3	-	2	11
Common Nighthawk	2	-	1	2	1
Chuck-will's-widow	9	6	2	2	2
Whip-poor-will	9	5	6	-	9
Chimney Swift	118	159	56	91	323
Ruby-throated Hummingbird	15	10	10	13	15
Belted Kingfisher	16	14	3	8	27
Red-headed Woodpecker	14	-	-	-	5
Red-bellied Woodpecker	72	41	21	60	69
Yellow-bellied Sapsucker	3	-	-	-	1
Downy Woodpecker	40	18	10	16	38
Hairy Woodpecker	22	10	4	1	3
Northern Flicker	7	23	11	7	10
Pileated Woodpecker	15	31	7	11	19
Eastern Wood-Pewee	2	-	5	-	66
Acadian Flycatcher	9	1	5	-	22
Willow Flycatcher	-	-	-	-	4
Eastern Phoebe	29	41	12	11	30

Species	Columbia 4-25/26-03	Elizabethton 4/26/2003	Greeneville 5/10/2003	Knoxville 4/27/2003	Nashville 5/10/2003
Great Crested Flycatcher	22	6	18	15	72
Eastern Kingbird	25	26	37	33	108
Loggerhead Shrike	5	-	4	-	-
White-eyed Vireo	31	4	4	23	40
Yellow-throated Vireo	8	3	1	5	7
Blue-headed Vireo	-	39	6	3	-
Warbling Vireo	2	2	-	-	19
Philadelphia Vireo	-	-	-	-	3
Red-eyed Vireo	49	50	55	65	98
Blue Jay	116	204	67	415	123
American Crow	146	312	179	132	134
Common Raven	-	6	-	-	-
Horned Lark	-	1	-	-	-
Purple Martin	43	27	119	12	70
Tree Swallow	46	106	29	22	18
Northern Rough-winged Swallow	126	130	22	65	58
Bank Swallow	60	1	-	-	-
Cliff Swallow	-	104	1	15	242
Barn Swallow	145	279	146	121	161
Carolina Chickadee	93	87	36	118	136
Tufted Titmouse	165	119	51	96	117
Red-breasted Nuthatch	-	12	2	-	-
White-breasted Nuthatch	31	11	2	6	15
Brown Creeper	-	1	-	-	-
Carolina Wren	56	65	45	112	116
Bewick's Wren	2	-	-	-	4
House Wren	5	27	20	8	1
Winter Wren	-	4	1	-	-
Golden-crowned Kinglet	1	10	-	-	1
Ruby-crowned Kinglet	4	6	-	9	-
Blue-gray Gnatcatcher	109	41	22	60	152
Eastern Bluebird	128	138	103	62	197
Veery	2	1	4	-	3
Gray-cheeked Thrush	-	-	-	-	4
Swainson's Thrush	-	1	1	1	46
Hermit Thrush	3	1	-	2	-
Wood Thrush	47	38	13	27	24
American Robin	147	432	148	197	226
Gray Catbird	3	2	9	4	9
Northern Mockingbird	125	144	130	124	150

Species	Columbia 4-25/26-03	Elizabethton 4/26/2003	Greeneville 5/10/2003	Knoxville 4/27/2003	Nashville 5/10/2003
Brown Thrasher	25	26	23	23	29
European Starling	613	776	721	430	463
American Pipit	-	8	-	-	-
Cedar Waxwing	2	27	15	96	253
Blue-winged Warbler	16	-	-	7	6
Golden-winged Warbler	-	8	-	-	-
Tennessee Warbler	5	-	-	5	51
Nashville Warbler	1	-	-	3	2
Northern Parula	16	21	2	-	22
Yellow Warbler	9	16	4	4	7
Chestnut-sided Warbler	3	25	10	2	10
Magnolia Warbler	4	-	1	-	32
Cape May Warbler	-	-	-	-	3
Black-throated Blue Warbler	-	34	19	-	-
Yellow-rumped Warbler	110	21	1	120	7
Black-throated Green Warbler	5	52	7	21	8
Blackburnian Warbler	1	-	-	1	3
Yellow-throated Warbler	21	4	-	1	11
Pine Warbler	6	3	-	2	4
Prairie Warbler	12	-	-	11	34
Palm Warbler	13	8	-	25	4
Bay-breasted Warbler	-	-	-	-	6
Blackpoll Warbler	2	-	-	-	61
Cerulean Warbler	2	-	-	4	3
Black-and-white Warbler	3	44	11	5	11
American Redstart	1	12	1	5	12
Prothonotary Warbler	12	-	-	4	17
Worm-eating Warbler	3	9	8	5	5
Swainson's Warbler	-	-	2	-	-
Ovenbird	7	86	30	9	1
Northern Waterthrush	2	1	1	1	3
Louisiana Waterthrush	7	14	3	1	7
Kentucky Warbler	33	1	-	3	30
Connecticut Warbler	1	-	-	-	2
Common Yellowthroat	43	21	25	75	92
Hooded Warbler	12	76	22	20	28
Canada Warbler	-	1	7	-	-
Yellow-breasted Chat	25	3	12	15	48
Summer Tanager	29	1	10	8	86
Scarlet Tanager	26	15	14	36	17

Species	Columbia 4-25/26-03	Elizabethton 4/26/2003	Greeneville 5/10/2003	Knoxville 4/27/2003	Nashville 5/10/2003
Eastern Towhee	98	92	52	101	100
Chipping Sparrow	30	71	19	36	38
Field Sparrow	98	35	33	54	126
Lark Sparrow	-	-	-	-	3
Savannah Sparrow	72	14	1	29	3
Grasshopper Sparrow	3	6	13	-	15
Song Sparrow	7	304	89	121	12
Swamp Sparrow	7	4	-	7	-
White-throated Sparrow	186	46	-	91	6
White-crowned Sparrow	7	10	1	3	2
Dark-eyed Junco	2	55	10	-	-
Northern Cardinal	222	187	126	268	330
Rose-breasted Grosbeak	3	3	6	11	9
Blue Grosbeak	15	4	16	15	23
Indigo Bunting	138	6	142	64	392
Dickcissel	2	-	2	-	-
Bobolink	-	1	-	-	-
Red-winged Blackbird	248	366	205	186	449
Eastern Meadowlark	385	148	144	82	118
Rusty Blackbird	-	2	-	-	-
Common Grackle	337	590	205	136	464
Brown-headed Cowbird	82	98	50	49	189
Orchard Oriole	34	14	20	32	50
Baltimore Oriole	3	4	2	5	5
Purple Finch	-	-	3	-	-
House Finch	28	86	42	45	24
American Goldfinch	189	295	73	107	143
House Sparrow	23	92	41	22	94
Total individuals	6873	7789	4102	5234	8613
Total species	146	146	110	120	144
Effort Data					
Observers	15	23	14	24	39
Parties	-	8	10	12	11
Party hours	-	72	37.25	62.25	76.25
Hours by car	-	-	29	15	34
Miles by car	-	-	299	241	491
Hours by foot	-	-	8.25	47.25	45.25
Miles by foot	-	-	5.25	32	31
Hours owling	-	4.5	1.25	0.75	4.5
Miles owling	-	-	20	11	67
Feeder Observers	-	-	4	-	-
Feeder Hours	-	-	4.75	6.75	-

Nicholson, Truett Patterson, Martha Rudolph, David Trently, June Welch, Chris Welsh, and Robert Wittig.

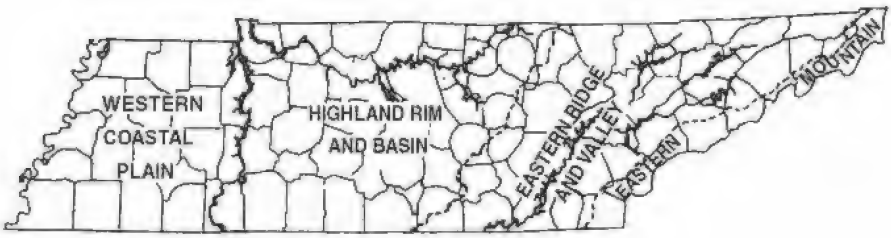
Mayfield/Gray: 25/26 April 2003. Weather: cold and misty; 49-78° F. No effort data was submitted for this count. Some of the notable finds included a Lesser Scaup, Bald Eagle, Sora, Yellow-bellied Sapsucker, 2 Bewick's Wrens, Connecticut Warbler, and a Dickcissel. Observers: Janet and Bob Brown, Jennifer and Robert Cardenas, Phyllis Coble, Tommy Edwards (compiler: 896 Iron Bridge Rd., Columbia, TN 38401; <tomandmissy@peoplepc.com>), William Fuqua, Phyllis Herrmann, William Jernigan, Allyn Lay, David Locke, Mary Lyles, Cleo and George Mayfield, and Karen Stephens.

Nashville: 10 May 2003; 0400-1930. Weather: mostly cloudy to partly cloudy and windy; 70-92° F. Water was high everywhere due to recent heavy rains. The count area covers Cheatham, Davidson, Rutherford, Sumner, and Williamson counties. The Bell's Bend area was added to the count this year. Some of the notable sightings included 112 Black-crowned Night-Herons, Peregrine Falcon, American Woodcock, Common and Forster's Terns, Eurasian Collared-Dove, Bewick's Wren, Gray-cheeked Thrush, Philadelphia Vireo, 2 Connecticut Warblers, and Lark Sparrow. Observers: Michael Bierly, Sandy Bivens, Jack Brown, Jean Buchanan, Eileen Cartwright, Gary Casey, Richard Conners, Kinnie Cosner, Jay Desgrosellier, Jerry Drewry, Bob and Pandy English, Troy Ettel, Frank Fekel, Marty and Quick Foy, Betsy Garber, Mark Hackney, Susan Hollyday, Linda Kelly, Cass Kennedy, Robert Lane, Jason Mann, John Mann, Joy Mayfield, Sharon Monroe, Elizabeth O'Conner, Connie Parham, Mohan Pattanayek, John Pegg, Sarah Scott, Jan Shaw (compiler - 5019 Timberhill Dr., Nashville, TN 37211; <JanKShaw@aol.com>), Kathy Shaw, Chris and Shannon Sloan, Michael Smith, Dee Thompson, Sabin Thompson, and Terry Witt.

The Migrant 74 (4): 128-134, 2003

THE SUMMER SEASON

RICHARD L. KNIGHT, Editor



1 June - 31 July 2003

Temperatures were generally mild this summer. In fact, Tennessee experienced its second coolest June since 1895. Rainfall varied from slightly deficient in the western part of the state to significantly above normal in the east.

Notable breeding species included Western Kingbird near Memphis, Scissor-tailed Flycatchers in three regions, and Red-breasted Nuthatch in the upper Cumberlands. Peregrine Falcons apparently nested at a new site in the Smokies. Bobolinks were present, and perhaps breeding, at two widely separated sites in the state.

White-faced Ibises and Black-bellied Whistling-Ducks made brief appearances in northwestern Tennessee. Several non-breeding ducks and migrant shorebirds were found in the western region, as well. A White-throated Sparrow near Nashville was a rare mid-summer occurrence for the state. Reports from the eastern mountains and, to a lesser extent, the Cumberlands noted several high elevation specialties.

Standard Abbreviations

ad - adult
Co - County
Cr - Creek
ers - earliest reported sighting
et al. - and others
fide - reported by
im - immature
Is - Island
L - Lake
lrs - latest reported sighting
max - maximum count
m.ob. - many observers
Mtn - Mountain
NWR - National Wildlife Refuge
R - River
SP - State Park
WMA - Wildlife Management Area
yg - young

WESTERN COASTAL PLAIN REGION — Weather for the period was milder than usual and rather dry. Generally, the season's birdlife was unremarkable, except in the northwest corner of the state. This summer an Anhinga, large numbers of White Pelicans, a Tricolored Heron, three species of ibis, Black-bellied Whistling-Ducks, a Bell's Vireo, and unprecedented numbers of nesting Black-necked Stilts were found in Dyer and Lake counties. Also, a considerable number of nonbreeding shorebird species were noted there and at the EARTH Complex during June. In some cases it is difficult to determine if these birds are late northbound or early southbound migrants.

A pair of Scissor-tailed Flycatchers in Dyer County built two nests that were both destroyed before eggs were laid. Meanwhile, Western Kingbirds nested at the EARTH Complex for the fourth (and third consecutive) year.

Loon - Ibis: **Pacific Loon**: 29 Jun (1, found dead) Lauderdale Co (JRW). **Pied-billed Grebe**: 4-27 Jun (1-4) Dyer Co (WGC, KCL, NaM, JRW); 9 Jun (1) Obion Co (KCL). **American White Pelican**: thru period in Dyer & Lake Cos.; 8 Jul (139) Whites L. Refuge, max in Dyer Co & 16 Jul (250) Hwy 79W, max in Lake Co (KCL, NaM); 28 Jun (3) Shelby Co (JRW). **Double-crested Cormorant**: thru period in Dyer & Lake Cos.; 19 Jun (18) Whites L. Refuge & 26 Jul (18) Lake Co (WGC, KCL), max. **Anhinga**: 4 Jun (1) Whites L. Refuge (WGC, KCL, NaM, JRW). **Least Bittern**: 8 Jun (1) Eagle Lake WMA, Shelby Co (Van Harris); 21 Jun (1) Black Bayou (BL, KCL). **Tricolored Heron**: 1-27 Jun (1) Dyer Co (WGC, BL, KCL, JRW); 8 Jun (1) Lauderdale Co (JRW). **Black-crowned Night-Heron**: 4 Jun / 19 Jul (3) Whites L. Refuge (WGC, KCL, NaM, JRW); 12 / 17 Jul (16 / 3) Lake Co (WGC, BL, KCL, NaM). **White Ibis**: 11 Jul (5) EARTH Complex (Anthony Whitted); 14 Jul (2) Black Bayou (NaM); 26 Jul (16) Mud L., Shelby Co (JRW). **Glossy Ibis**: 1 Jun (1) Great River Rd. (JRW). **WHITE-FACED IBIS**: 4 / 5 Jun (1 / 14) Great River Rd. (WGC, KCL, NaM, JRW / RDH, DMy).

Duck - Coot: **BLACK-BELLIED WHISTLING-DUCK**: 7-10 Jun (3-5) Hwy 79W, Lake Co (KAC, John Henderson, Judy Newsome, Andy Sigler, JRW). **Gadwall**: 27 Jun / 13 Jul (2) Whites L. Refuge (WGC, BL, KCL). **American Black Duck**: 8-15 Jun (1-2) Dyer Co (WGC, BL, KCL, JRW). **Blue-winged Teal**: thru period in Dyer & Lake Cos.; 15 Jun (6) Dyer Co (WGC, BL, KCL), max. **Northern Shoveler**: 4-9 Jun (1-2) Whites L. Refuge (WGC, KCL, NaM, JRW). **Green-winged Teal**: 19-20 Jul (1) EARTH Complex (MCT, JRW). **Ring-necked Duck**: 20 Jul (1) EARTH Complex (MCT, JRW). **Hooded Merganser**: 4 Jun (6) Whites L. Refuge (WGC, KCL, NaM, JRW). **Ruddy Duck**: 8 Jun (2) Dyer Co (WGC); 21 Jun (2) Lake Co (BL, KCL). **Osprey**: 26 Jul (4) Reelfoot L., Lake / Obion Cos (BL, KCL). **Bald Eagle**: reported from Dyer, Lake & Shelby Cos. (m.ob.). **Sharp-shinned Hawk**: 6 Jun (1) Dyersburg, Dyer Co (KCL); 15 Jul (1) Black Bayou (NaM). **Peregrine Falcon**: 6 Jul (1) Dyer Co (KCL, NaM). **King Rail**: 8 Jun (1) Black Bayou (NaM). **Common Moorhen**: 9 Jun (1) Obion Co (KCL). **American Coot**: 5 Jun (1) Whites L. Refuge (WGC, KCL, NaM).

Plover - Tern: **Black-bellied Plover**: 26 Jul (1) EARTH Complex (Jerry Ingles). **American Golden-Plover**: 19 Jun (2) Black Bayou (WGC). **Piping Plover**: 31 Jul (1) Is. 13 (WGC, KCL, NaM). **Black-necked Stilt**: thru period, with breeding noted in Dyer, Lake & Shelby Cos. (m.ob.); 1 Jun (182) Dyer & Lake Cos (JRW), max. **American Avocet**: 20-27 Jul (1) EARTH Complex (MCT, JRW et al.). **Lesser Yellowlegs**: 15 Jun (3) Dyer Co (WGC, BL, KCL). **Spotted Sandpiper**: 5 Jun (2) Dyer Co (WGC, KCL, NaM). **Sanderling**: 13 Jul (1) EARTH Complex (JRW); 31 Jul (1) Is. 13 (WGC, BL, KCL, NaM). **Semipalmated Sandpiper**: 13 Jun (3) Dyer Co (WGC). **Western Sandpiper**: 21 Jun (1) EARTH Complex (JRW). **Least Sandpiper**: 11 Jun (9) Dyer Co (JRW); 21 Jun (3) EARTH Complex (JRW). **White-rumped Sandpiper**: 11 Jun (21) Dyer Co (JRW); 26 Jun (3) Lake Co (BL, KCL); 11 Jul (1) Dyer Co (WGC, BL, KCL); 12 Jul (1) EARTH Complex (JRW). **Pectoral Sandpiper**: 11 Jun (3) Dyer Co (JRW); 28 Jun (1) EARTH Complex (JRW). **Stilt Sandpiper**: 15 Jun (1) Dyer Co (WGC, BL, KCL). **Long-billed Dowitcher**: 19 Jul (1) Lake Co (BL, KCL). **Wilson's Phalarope**: 13 Jul (1) EARTH Complex (JRW). **Caspian Tern**: 19 Jun (2) Black Bayou (WGC); 4 Jul (3) Is. 13 (KCL). **Common Tern**: 5 Jul (1) Great River Rd. (WGC, BL, KCL). **Least Tern**: 24 Jun (200) Mud L., Lake Co (WGC, KCL), max. **Black Tern**: 1 Jun (3) Is. 13 (KCL, NaM); 5 / 13 Jun (1 / 2) Whites L. Refuge (WGC, KCL, NaM).

Cuckoo - Sparrow: **Black-billed Cuckoo**: 8 Jun (1) Great River Rd. (JRW et al.). **Willow Flycatcher**: 5 Jul (2, carrying food) Fayette Co (JRW). **Western Kingbird**: 1 Jun - 27 Jul (up to 4 ad, 5 yg) EARTH Complex (JRW et al.); 21 Jun (1 im) President's Is., Shelby Co (JRW). **Scissor-tailed Flycatcher**: 1-22 Jun (pair, unsuccessful nesting attempt) Hwy 103, Dyer Co (JRW, m.ob.). **Bell's Vireo**: from last period, 5 Jun / 5 Jul (1) Black Bayou (RDH, DMy / WGC, BL, KCL). **Tree Swallow**: 1 Jun (16) Black Bayou (KCL, NaM); 24 Jun (2) Great River Rd. (WGC, KCL, NaM). **Northern Rough-winged Swallow**: 17 Jul (350) Lake Co (KCL, NaM), max. **Cliff Swallow**: 27 Jun (10) Memphis (WRP). **Cedar Waxwing**: 4 Jun (3) Gibson Co (Mark Greene); 12 Jun (3) Obion Co (WRP). **Prairie Warbler**: 18 Jun (1) Shelby Forest (Van Harris). **Worm-eating Warbler**: 27 Jun (1) Shelby Forest (WRP). **Scarlet Tanager**: 27 Jun (1) Shelby Forest (WRP); 5 Jul (1) Fayette Co (Dick Whittington). **Bachman's Sparrow**: 27 Jun (2) McNairy Co (JRW). **Song Sparrow**: 1 / 11 Jun (1) Black Bayou (KCL, NaM / WRP); 13 Jul (3) EARTH Complex (WRP, Carolyn Bullock, Virginia Reynolds); 19 Jul (2) Whites L. Refuge (BL, KCL).

Locations: Black Bayou - in Lake Co; EARTH Complex - in Shelby Co; Great River Rd. - in Dyer Co; Is. 13 - in Lake Co; Shelby Forest - in Shelby Co; Whites L. Refuge - in Dyer Co.

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HIGHLAND RIM AND BASIN REGION — The two month summer period of June and July was a bit cooler than average. June had twice as much rain as usual, but almost all the extra amount fell on the last day of the month. July was rather dry until the final four days, but still fell an inch short of its typical rainfall amount.

Grebe - Swift: **Pied-billed Grebe**: 14 Jun (1) Livingston, Overton Co (SJS); 11 Jul (1) Center Hill L. (Tommy Curtis, SJS et al.); 22 Jul (1) Cane Cr. Park, Putnam Co (SJS). **Black-crowned Night-Heron**: 20 / 24 Jun (1 ad) Center Hill L. (Terry Hall fide SJS). **Yellow-crowned Night-Heron**: mid Jun (1) Brown's Cr., Nashville (Ed Byrne fide JKS). **Ring-necked Duck**: 14 Jun / 19 Jul (1 male) Livingston, Overton Co (SJS). **Bald Eagle**: 5 Jul (1 ad, 2 im) Dale Hollow L, Overton Co portion (Terry Campbell). **Northern Bobwhite**: 14 Jun (9) Sumner Co (GBC, JKS). **Spotted Sandpiper**: 13 Jul (1) Cane Cr. Park, Putnam Co (SJS), ers. **Eurasian Collared-Dove**: 3 Jun (4) Williamson Co (JKS); 4 Jun (2) Tennessee Tech campus, Cookeville (Trisha Poling), first confirmed record for Putnam Co; 14 Jun (2) Overton Co (SJS). **Chimney Swift**: 28 Jun (400+) Stratford High School, Davidson Co (Mark Hackney), roosting in chimney.

Flycatcher - Waxwing: **Willow Flycatcher**: 3 Jun (1) Williamson Co (JKS); 8 Jun (3) Shelby Bottoms (PDC); 11 Jun (1) Cheatham Co (GBC, PDC). **Scissor-tailed Flycatcher**: 5 / 14 Jul (1 ad / 2 ad, 3 yg) Florence Rd., Rutherford Co (Terry Witt / Jeff Cowell); 22 Jul (1) Hwy 412, Maury Co (Anna Varney). **Yellow-throated Vireo**: 6 Jun (pair nesting) Radnor L (Frank Fekel); 11 June (2 pairs nesting) Cheatham Co (GBC, PDC). **Wood Thrush**: 3 Jun (1) Radnor L (JKS). **Cedar Waxwing**: 3 Jun (40+) Shelby Bottoms (PDC); 2 / 25 Jul (3 / 2 ad feeding 2 yg) Shelby Park (PDC, GBC); 7 Jul (2 ad feeding 2 yg) Radnor L (Sharon Monroe); rare nester in Nashville area.

Warbler - Bobolink: **Yellow Warbler**: 11 Jun (1) Cheatham Co (GBC, PDC). **Yellow-throated Warbler**: 3 Jun (pair nesting) Shelby Bottoms (PDC). **Cerulean Warbler**: 8 May / 4 Jun (2-3) Lee Hollow, Cross Cr. NWR, Stewart Co (John C. Robinson / fide Robert Wheat); 7 Jun (3) East Obey R., Fentress Co (Ronnie Smith fide SJS); 9 Jun (1) Center Hill L (Ginger Ensor). **Black-and-white Warbler**: 10 Jun (1) Radnor L (JKS); 24 Jun (1) Shelby Bottoms (PDC). **American Redstart**: 11 Jun (2) Narrows of the Harpeth SP, Cheatham Co (GBC, PDC). **Scarlet Tanager**: 6 Jun (1) Radnor L (Frank Fekel); 11 Jun (2) Cheatham WMA, Cheatham Co (PDC, GBC). **Grasshopper Sparrow**: 3 Jun (2) Williamson Co (JKS). **White-throated Sparrow**: 17 Jul (1) Stones R. National Battlefield, Rutherford Co (Barbara Stedman, SJS). **Bobolink**: 13 Jun (pair) & 16 Jun (1 male) separate fields at Fort Campbell, Stewart Co (Jim Giocomo).

Locations: Center Hill L - in DeKalb Co; Radnor L - in Davidson Co; Shelby Park / Bottoms - in Davidson Co.

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CUMBERLAND PLATEAU / RIDGE & VALLEY REGION — This summer was cool, at least through June, and very wet. Rainfall totals for both June and July were two to three inches above normal throughout the region. The heavy rains kept lakes, ponds and other wetlands at very high water levels and produced

some localized flooding. Lush vegetation and bountiful fruit crops were another result of the rains. The impact of all the precipitation on nesting birds was unclear. Some species were still nesting later than usual, perhaps an indication of renesting to compensate for early season failures. By summer's end, however, juvenile birds seemed to be numerous.

Least Bitterns, and possibly Virginia Rails, nested at Standifer Gap Marsh. Scissor-tailed Flycatchers nested in Marion County and apparently did so in Sequatchie County. Red-breasted Nuthatches nested in the Tennessee Cumberlands for the first time. Savannah Sparrows continue to breed in Washington County and a pair of Bobolinks may have done so there, as well.

A few early migrant warblers were detected in the Chattanooga area in July, most notably a Northern Waterthrush.

Loon - Rail: **Common Loon**: 23 Jun (1) Tellico L., Loudon Co (Wes James); 24 Jun (1) Nickajack L., Marion Co (KAC). **Pied-billed Grebe**: 18 Jul (1) farm pond, Washington Co (RLK). **American White Pelican**: 22 Jun (2) Cherokee L., Grainger Co portion (DJT). **American Bittern**: 7 Jun (1) Standifer Gap Marsh (Jimmy & Cynthia Wilkerson). **Least Bittern**: 13 Jun (2 downy fledglings) Standifer Gap Marsh (David Patterson); 28 Jun (2) Hiwassee Is., Meigs Co (David Vogt). **Great Egret**: 22 Jun (5) Cherokee L., Grainger Co portion (DJT); 28 Jul (6) Brainerd Levee, Hamilton Co (KAC), max. **Blue-winged Teal**: 14 Jun (1 male) Hamilton Co (Harold Birch). **Osprey**: 2 Jul thru season (1-2) Austin Springs, Washington Co (RLK). **Virginia Rail**: 13 Jun (1) Standifer Gap Marsh (David Patterson).

Sandpiper - Woodpecker: **Upland Sandpiper**: 29 Jul (2) Kingston Steam Plant, Roane Co (RDH, DMy, FLB, SAB). **Semipalmated Sandpiper**: 3 Jun (4) Brainerd Levee, Hamilton Co (KAC), lrs. **Western Sandpiper**: 31 Jul (12) Eagle Bend (NeM). **Least Sandpiper**: 1 Jul (3) Eagle Bend (NeM), ers. **Dowitcher sp.**: 31 Jul (4) Eagle Bend (NeM). **American Woodcock**: 4 Jul (1) Knoxville (Dean Edwards). **Caspian Tern**: 9 Jul (2) Kingston Steam Plant, Roane Co (Arthur McDade). **Eurasian Collared-Dove**: 12 Jun (3) Cleveland, Bradley Co (Rick Waldrop). **Barn Owl**: 7-30 Jul (1-2 at 2 sites) Greene Co (DHM). **Chuck-will's-widow**: 11 / 18 Jun (1 / 2) separate sites in Big South Fork, Fentress Co portion (SJS), apparently first for park. **Red-headed Woodpecker**: 8 Jun / 7 Jul (1 / 3) separate Greene Co sites (DHM); mid Jun (2 at feeder) near Jamestown, Fentress Co (Linda & Alex Lynch).

Flycatcher - Thrush: **Willow Flycatcher**: 4 Jun (1) Standifer Gap Marsh (GBC); 7 Jun (1) Seven Is. Refuge, Knox Co (DJT); 8 Jun (2) Greene Co (DHM). **Least Flycatcher**: 6 Jun (1) near Walnut Mtn. tower, Campbell Co (Charles Nicholson). **Scissor-tailed Flycatcher**: from last season thru at least 8 Jul (pair with nest) South Pittsburg, Marion Co (Jimmy & Cynthia Wilkerson, Jerry Ingles et al.); 4 / 10 Jul (1-2 ad, 2 im) Sequatchie Co (Clyde Blum et al.). **Loggerhead Shrike**: 1-2 at 1 site in Greene Co (DHM) & 3 sites in Washington Co (RLK). **Warbling Vireo**: present at 5 sites in Washington Co (RLK). **Bank Swallow**: 29 Jun (7) Greene Co (DHM). **Red-breasted Nuthatch**: 7 Jun (nest with yg) Big South Fork, Scott Co (Frank

Renfrow), first breeding record for Tenn. portion of Cumberland Plateau. **Veery**: 1 Jun (3) Frozen Head (SJS).

Warblers: **Northern Parula**: 20 Jul (1) Craven's House (KAC), early migrant. **Chestnut-sided Warbler**: 1 Jun (1 / 1) near Coalfield, Morgan Co / Frozen Head (SJS); 20 Jul (1) Craven's House (KAC), early migrant. **Black-throated Blue Warbler**: 1 Jun (5) Frozen Head (SJS). **Blackburnian Warbler**: 1 Jun (16) Frozen Head (SJS). **Cerulean Warbler**: 1 Jun (52) Frozen Head (SJS), breeders / max; 27 Jul (3) Craven's House (KAC), migrants. **American Redstart**: 1 Jun (45) Frozen Head (SJS), max. **Prothonotary Warbler**: 16 Jun (1) Greene Co (DHM). **Swainson's Warbler**: 16 May - 9 Jul (10) Big South Fork, Scott Co (SJS et al.). **Northern Waterthrush**: 12 Jul (1) Signal Mtn., Hamilton Co (Jonnie Sue Lyons), record early arrival date. **Canada Warbler**: 1 Jun (1) Frozen Head (SJS).

Sparrow - Bobolink: **Savannah Sparrow**: 8 Jun (1) Greene Co (DHM); thru season (2-4 each at 2 sites) Washington Co (RLK), with ad feeding yg at 1 site. **Rose-breasted Grosbeak**: 1 Jun (5) Frozen Head (SJS). **Dickcissel**: thru 18 Jul (2-3) Limestone, Washington Co (RLK), 8th year at site; 9 Jun / 7 Jul (1-2) separate Greene Co sites (DHM). **Bobolink**: 10 May - 8 Jul (pair) Conklin, Washington Co (RLK), apparently nested.

Locations: Craven's House - unit of the Chickamauga National Battlefield Park in Hamilton Co; Eagle Bend - fish hatchery in Anderson Co; Frozen Head - State Natural Area in Morgan Co; Standifer Gap Marsh - in Hamilton Co.

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EASTERN MOUNTAIN REGION — The 14 inches of precipitation for the period was 8 inches above normal. Temperatures were near normal.

Eagle - Sapsucker: **Bald Eagle**: 21 Jun (1 ad) Holston Valley, Sullivan Co (Johnny Lynch fide FJA). **Red-shouldered Hawk**: 9 Jun (1) Shady Valley (JWC, CJO, Ron Harrington); 21 Jun (1) Watauga Dam, Carter Co (Gary Wallace, H.P. Langridge, Bryan Stevens). **Peregrine Falcon**: 22 Jun (1 ad, 2 im) Greenbrier Pinnacle, GSMNP (Susan Hoyle, Kristine Johnson). **American Woodcock**: 11 Jun (1) Orchard Bog, Shady Valley (RLK). **Mourning Dove**: thru season (2-3) Carver's Gap, Roan Mtn (RLK). **Yellow-bellied Sapsucker**: 21 Jun (1) Ripshin L., Carter Co (FJA).

Flycatcher - Siskin: **Alder Flycatcher**: thru season (3+) Roan Mtn (AJT, RLK et al.). **Willow Flycatcher**: thru season (2) Hampton Cr. Cove, near Roan Mtn (AJT et al.); 11 Jun (8) Shady Valley (RLK). **Least Flycatcher**: 8 / 11 Jun (1) Orchard Bog, Shady Valley (JWC / RLK). **Brown Creeper**: 14 Jun (nest with yg) Alum Cave trailhead, GSMNP (RDH, DMy, FLB, SAB). **Hermit Thrush**: thru season (3+) Roan Mtn (AJT, RLK). **Magnolia Warbler**: 2 Jun - 14 Jul (1 male on territory) Roan Mtn (RLK); thru season (up to 6-8 males & 1-2 females) Unaka Mtn, Unicoi Co (Kevin Elam fide FJA). **Blackburnian Warbler**: 21 Jun (3) Walnut Mtn, Carter Co (RLK,

Joe McGuiness). **Swainson's Warbler**: 11 Jun (2) Shady Valley (RLK). **Canada Warbler**: 9 Jun (1) Beaverdam Cr., Shady Valley (JWC, CJO, Ron Harrington), rather low elevation (2350 ft). **Savannah Sparrow**: 11 Jun (1) Orchard Bog, Shady Valley (RLK). **Field Sparrow**: 11 Jun (nest with 3 eggs) Engine Gap, Roan Mtn (AJT), high elevation (5600+ ft.). **Dark-eyed Junco**: 9 Jun (1) Beaverdam Cr., Shady Valley (JWC, CJO, Ron Harrington), rather low elevation (2220 ft). **Red Crossbill**: 1 / 14 Jun (6+) Newfound Gap & Clingman's Dome Rd., GSMNP (KAC et al. / RDH, DMy, FLB, SAB); 21 Jun thru season (5+) Roan Mtn (FJA, AJT, RLK). **Pine Siskin**: 1 Jun (8) Clingman's Dome, GSMNP (KAC et al.); thru season (6+) Roan Mtn (AJT, RLK).

Locations: GSMNP - Great Smoky Mountains National Park; Roan Mtn - in Carter Co; Shady Valley - in Johnson Co.

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OBSERVERS

FJA	- Fred J. Alsop	DHM	- Don H. Miller
FLB	- Frank L. Bills	NaM	- Nancy Moore
SAB	- Sharon A. Bostick	NeM	- Nell Moore
KAC	- Kevin A. Calhoon	DMy	- Dollyann Myers
GBC	- Gary B. Casey	CJO	- Chris J. O'Bryan
PDC	- Phillip D. Casteel	WRP	- W. Robert Peeples
JWC	- J. Wallace Coffey	JKS	- Jan K. Shaw
WGC	- W. Glen Criswell	SJS	- Stephen J. Stedman
RDH	- Ron D. Hoff	MCT	- Michael C. Todd
RLK	- Richard L. Knight	AJT	- Allan J. Trently
BL	- Betty Leggett	DJT	- David J. Trently
KCL	- Ken C. Leggett	JRW	- Jeff R. Wilson

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